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# JOHNSON'S SEED STORE

SINCE 1891

2172 E. NINTH ST., CLEVELAND.O.



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1930

# Prompt and Efficient Service by Mail and Express



It is more convenient for many of our customers to order their seeds and bulbs by mail than to call at our store. For those customers, this catalogue is specially written and mailed, free, to all who have favored us with their orders during the past year and to any others who are interested in gardening and ask for it.

Whether you call at our store for your seeds and garden supplies or order them by mail, we can assure you of the same prompt and courteous attention and the same helpful interest in your garden success.

## Fully Prepaid

All seeds, bulbs and plants offered in this catalog are fully prepaid to your station, by Parcels Post, Express or Freight at our option.

**NOTE**—We have not increased our prices in any way to cover prepay charges.

## Shipping Instructions

Always state by what method you want goods forwarded, otherwise we will ship according to our best judgment.

## We Deliver Free

We deliver free all purchases of \$1.00 or more to any address in Cleveland or suburbs.

Local deliveries will be sent C. O. D. if desired. Orders to be shipped by Parcel Post, Express or Freight must be accompanied with one-fourth of the total amount of the order.

## Information Cheerfully Given

We make a specialty of giving, by letter, any information our customers require in Gardening Matters. Do not hesitate to call on us.

## Please Order Early

We shall greatly appreciate it if our customers will adopt our suggestions to send us their spring orders for seeds, plants and bulbs as early as possible. Shipments need not be made until you want the goods.

## Non-Warranty

**We Cannot Guarantee the Well-Doing** of any seeds, plants or bulbs we send out, having no control over conditions—therefore:

Johnson's Seed Store gives no warranty, express or implied, as to description, purity, productiveness or any other matter of any seeds, plants or bulbs they send out and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

**WHY OUR SEEDS ARE RELIABLE.** We grow what we can under our own supervision from our own pedigreed seed-stock. What we cannot grow under our own supervision we purchase by contract from professional growers whose reputation must be maintained.

**JOHNSON'S TESTED SEEDS.** Every lot of seed that comes into our store or warehouse is carefully tested for germination.

## New Charge Accounts

**We Especially Invite Charge Accounts.** A charge account is more convenient than to remit for each order at the time it is sent; you pay no more for your goods by reason of this accommodation.

When sending your first order, send us the name and address of some one with whom you already have a charge account. This saves time.

Domestic Parcel Post Rates from Cleveland, Ohio, to Any Other Postoffice in the United States	For First Pound Allow	For Each Addi- tional Lb. Add
1st zone within 50 miles..	\$0.07	\$0.01
2nd zone within 50 to 150 miles..	.07	.01
3rd zone within 150 to 300 miles..	.08	.02
4th zone within 300 to 600 miles..	.09	.04
5th zone within 600 to 1000 miles..	.10	.06
6th zone within 1000 to 1400 miles..	.11	.08
7th zone within 1400 to 1800 miles..	.13	.10
8th zone over 1800 miles..	.14	.12

Weight limit within the first, second, and third zones is 70 pounds; within the other zones the weight limit is 50 pounds. In all zones, the size limit is 84 inches for combined length and girth.

## Notice to Market Gardeners and Florists

Growers of vegetables or flowers for market can save money by sending for our Special Market Gardeners' and Florists' Price List, at once. It will be sent only to those who grow for market, and will not be sent to private gardeners. We cater to the most critical trade.

# JOHNSON'S SEED STORE

## SEEDS THAT PRODUCE

2172 East Ninth Street

Telephone CHerry 6644-6645

CLEVELAND, O.

Just South of Prospect Ave.  
West Side of E. Ninth St.

Cleveland's Largest and Most  
Convenient Seed Store.



## Cleveland, Ohio



Name.....  
P. O. Box, Street.....  
or Rural Delivery.....  
Post Office..... State.....  
Station or Express Office.....  
Only if different from Post Office  
Send by.....  
State if wanted by Mail, Express or Freight  
Superintendent or Gardener.....  
That we may enter for catalogs

**AMOUNT ENCLOSED**

x

**Date** .....

**P. O. Order**.....

**Express Order**.....

**Check or Draft**.....

**Cash** .....

**Stamps** .....

**Total**.....

**Johnson's Seed Store gives no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, or plants we send out, and will not be responsible for the crop.**

Quantity	VEGETABLE SEED	PRICE		Quantity	FLOWER SEED	PRICE	
	Asparagus, Mary Washington				Asters, Heart of France		
	Beet, Dark Leaved Globe				Asters, Violet King		
	Beans, Peerless Bush Limas				Asters, New White Perfection		
	Beans, Carpinteria, Pole Limas				Asters, Pink Enchantress		
	Cabbage, Golden Acre				Snapdragon, Super-Giant Mixed		
	Cabbage, Chinese Wong Bok				Candytuft, Giant Hyac. Flowered		
	Cauliflower, Snowstorm				Calendula, Orange King		
	Carrot, New Melting Orange				Cosmos, Klondyke		
	Carrot, New Coreless				Cosmos, Early-Flowering, Dbl. Mix.		
	Swiss Chard, Mam. New York				Cosmos, Late-Flowering, Dbl. Mix.		
	Sweet Corn, Verifirst				Chinese Woolflower		
	Sweet Corn, Golden Wedding				Gaillardia, Dazzler		
	Sweet Corn, Golden Standard				Hollyhock, Queen of Sheba		
	Celery, Golden Plume				Larkspur, Exquisite Pink		
	Cucumber, Davis Perfect				Larkspur, Exquisite Rose		
	Lettuce, New York				Poppy, American Legion		
	Muskmelon, Lake Champlain				Poppy, Sunbeams		
	Onion, Gigantic Gibraltar				Poppy, New Hybrid Iceland		
	Parsley, Johnson's Bouquet				Poppy, Oriental Hybrids		
	Peas, New Eight Weeks				Petunia, Special Ruffled Giant		
	Peas, Hundred Fold				Scabiosa, Peach Blossom		
	Peas, Prizewinner				Scabiosa, Shasta		
	Pumpkin, Winter Luxury				Sweet William, Johnson's Giant		
	Radish, New Saxa				Verbena, New Royal Bouquet		
	Tomato, Essex Wonder				Zinnia, Double Giant Mixed		
	TOTAL				TOTAL		

# AN INDUCEMENT TO ORDER EARLY

For Orders Received Before April 1st We Will Allow

**20 Per Cent Extra Value Free**

If your order amounts to \$5.00, you may select ten 10c Pkts. Free. If it amounts to \$3.00, select six 10c Pkts. Free. If it amounts to \$1.00, you may select two 10c Pkts. Free.

This liberal offer applies only to Vegetable and Flower Seeds ordered from this catalog and received by April 1st.

Take advantage of this unusual offer

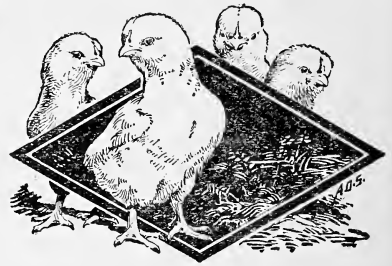
*Yours for Garden Success*

**JOHNSON'S SEED STORE**

*Home of "Seeds that Produce"*

## Johnson's Superior Quality BABY CHICKS VITALITY

VITALITY is the most essential factor to consider when you purchase CHICKS. Eggs from free range stock are used in hatching and we GUARANTEE 100 Per Cent safe arrival. Parcel Post charges are Prepaid. You can depend upon JOHNSON'S SUPERIOR CHICKS being true to breed. Write for our price list.



Sowrite Seeders

### Prepare Seed Beds Carefully

This is especially true when sowing extremely small seeds. We suggest the use of a "SOWRITE" seeder. It sells for only \$1.00 postpaid, and will save its cost many times in sowing the proper quantity of seed to a given space. As a general rule seed is sown too thickly.

## A REMARKABLE OFFER

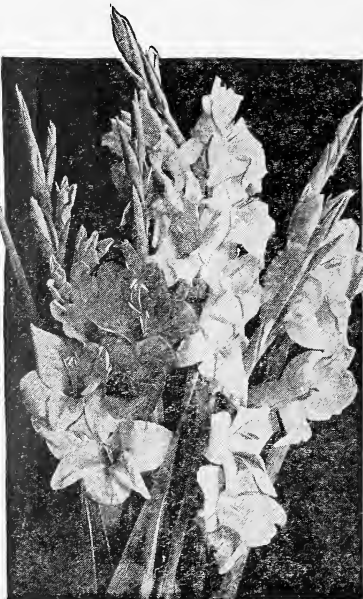
**JOHNSON'S**

### Rainbow Gladiolus Mixture

Plan now for a rainbow display of Gladiolus in this year's garden. These wonderful summer flowers, with their wide color range, will brighten your borders from July until frost. Easily grown and thrive in any garden soil. Johnson's famous Rainbow Gladiolus Mixture is especially prepared from largest-sized bulbs of ten distinct named varieties of ten distinct shades of color. This is far superior to ordinary commercial bulb mixtures of unknown color balance.

This is a most attractive offer. Each 40 bulbs consist of 4 bulbs of each shade, assuring evenly distributed colors. Don't miss this. Send your order today.

**FIFTY  
BULBS**  
MIXED FROM  
NAMED SORTS  
**\$2.00**





A Planting of Yucca Filamentosa—See Plants, Page 64

## The Seed Business — A Matter of Confidence.

**T**HERE is perhaps no other business where confidence plays so important a part as it does in the seed business.

Confidence starts with the dealer who purchases his seeds from the grower, in whom he must have complete faith as to honesty and integrity, and from the dealer the seed passes on to the gardener or farmer, who must also have faith in the dealer from whom he buys.

JOHNSON'S SEED STORE has and always will exert every effort to warrant the confidence our customers have displayed in us by affiliating ourselves only with growers whose reputation is unmarred by carelessness. All of this confidence is necessary because it is impossible for anyone to determine the vitality or productivity of a seed by looking at it.

It naturally follows, therefore, that the uncertainty of what a certain seed will produce is materially eliminated by placing your orders where your confidence is cherished above all else.

JOHNSON'S SEED STORE.





*Johnson's Seeds that Produce*

# Johnson's High Grade Lawn Seed



Smooth, Firm, Evergreen Lawns from Johnson's Lawn Grass Mixtures

## ABOUT LAWNS AND LAWN GRASS SEED

### Formation of Lawns from Seed

There is nothing more attractive than a well-kept lawn.

The ground should be thoroughly drained and well prepared. The soil ought not to be too rich, as a rapid growth is not wanted in the grasses of a lawn; but the surface should be as much alike in quality as possible and thoroughly pulverized. After sowing, the ground should be rolled if possible, in order to press the seed firmly into the soil, and ten days or so thereafter a light application of Johnson's Lawn Fertilizers will serve to stimulate the growth of the young grasses. The proper time to sow grass seed depends, of course, upon latitude. In the central and eastern states from March 15th to the middle of May is the best time; but in favorable seasons the sowing may be done up to July 1st. Seed may also be sown in the fall, from the latter part of August to the end of October or later, depending upon the weather. The sowing should be done when the ground is moist, or before an expected rain, and a subsequent rolling is always advisable. As to weeds in newly-made lawns, it may not be generally known that many weed seeds actually lie dormant in the ground for six or seven years and will germinate and make their appearance when the soil is turned up.

### Johnson's "Reliable" Mixture

An Ideal Lawn Seed Mixture—Cleanest, Best, Cheapest

#### THE BEST FOR GENERAL PURPOSES

Our "Reliable" Lawn Grass Seed is the cleanest, heaviest, cheapest and best, because it is made up of Extra Recleaned Seeds of the finest varieties of grasses, each of which has its season of beauty and the result is the production of a sod that is always evergreen and velvety. Many of the finest lawns of our city are seeded with Johnson's Reliable Lawn Grass, the preparation of which is a specialty with us. Less seed of Johnson's Reliable is required than of any other brand. Hence it is economical in the end. One pound will sow 400 square feet. **Lb., 60 cts.; 5 lbs., \$2.75; 10 lbs., \$5.00; 20 lbs., (1 bu.), \$9.00.**

### Johnson's "Economy" Lawn Seed

A Good Clean Mixture for General Purposes

This special mixture produces beautiful and permanent lawns. It is made from our own formula, and composed of grasses which are adapted for the purpose of producing a lawn which retains its rich green color and velvety appearance throughout the summer and fall. It is well suited for various soil conditions, giving good results even in small city grass plots, where the soil is generally stiff and heavy. **Lb., 50 cts.; 5 lbs., \$2.25; 10 lbs., \$4.00; 20 lbs. (1 bu.), \$7.00.**

### Johnson's "Shady Spot"

This is a very high grade mixture of grasses which naturally grow in shady spots. Before sowing in such places, it is well to rake off the surface thoroughly and then apply air slaked lime at the rate of one bushel to every 1,000 square feet. Use one pound of seed for every 300 square feet. **Lb., 65 cts.; 5 lbs., \$3.00; 10 lbs., \$5.50; 20 lbs. (1 bu.), \$10.00.**

# Johnson's Seeds that Produce



## LAWN SEED—Continued



### Grass Seed Mixtures for Terraces

A mixture of strong, deep-rooted grasses for banks or terraces. Although the grasses are strong and deep-rooted, they will produce a fine green velvety surface, and also prevent washing away during heavy rains. Lb., 90 cts.; 5 lbs., \$4.00; 10 lbs., \$7.50.

### Johnson's "Quick Growth"

A special mixture of seeds which is especially useful where for some reason or other the seed cannot be sown in early spring. Our Quick Growth mixture will cover the ground like magic, but later on produce a permanent and beautiful sod. Lb., 50 cts.; 5 lbs., \$2.00.

### Johnson's Bent Grass Mixture

This mixture is blended with Bent and other hardy grasses and is especially well adapted to locations where hard usage prevails. Lb., 90 cts.; 3 lbs., \$2.50; 5 lbs., \$3.75; 10 lbs., \$6.50; 100 lbs., \$60.00.

### Miscellaneous Grasses

#### Special Prices on Application

All Prices Quoted for Miscellaneous Grass Seeds Are Subject to Change Without Notice

**BLUE GRASS.** Fancy Kentucky (*Poa pratensis*). Our stock of this is extra fine, thoroughly re-cleaned; sow 3 to 5 bushels per acre on lawns,  $2\frac{1}{2}$  to 3 bushels on pasture fields (bushel 14 lbs.). Lb., 70 cts.; 5 lbs., \$3.00; 10 lbs., \$5.50; 25 lbs., \$12.00, prepaid.

**BLUE GRASS.** Canadian (*Poa compressa*). Makes an ideal pasture; excellent also for sowing on embankments; sow in same proportions as Kentucky Blue Grass Seed (bushel 14 lbs.). Lb., 60 cts.; 5 lbs., \$2.75; 10 lbs., \$5.00, prepaid.

**CREeping BENT** (*Agrostis stolonifera*). Succeeds well in moist situations. Lb., \$1.50, prepaid.

**RED FESCUE.** For meadows or pasture on dry, hard or sandy soil. It is very hardy, a true perennial, growing from 1 to  $2\frac{1}{2}$  feet high. Lb., \$1.00, prepaid.

**HARD FESCUE.** (Bushel 14 lbs.) Emphatically a grass for dry lands, doing well on sandy and shallow siliceous soils. Exceedingly hardy and withstands extremes of heat, cold and drought. Lb., 60 cts.; 5 lbs., \$2.75, postpaid.

**WOOD MEADOW GRASS** (*Poa memorialis*). A very productive grass, adapted for lawns or pastures. Thrives well under trees. Very scarce. Lb., \$1.25, prepaid.

**PERENNIAL RYE** (*Lolium perenne*). Affords pasture very early in the spring. Sow early in the spring at the rate of 1 to  $1\frac{1}{2}$  bushels to the acre. Lb., 50 cts.; 5 lbs., \$2.25, prepaid.

**RHODE ISLAND BENT** (*Agrostis canina*). A very fine variety for lawn and pasture. Ask for prices.

**NEW ZEALAND CHEWING FESCUE.** New crop. Fancy seed. Lb., \$1.00; 5 lbs., \$4.50, prepaid.

**CRESTED DOGTAIL** (*Cynosurus cristatus*). An excellent grass for hard, dry soils. Lb., \$1.00; 5 lbs., \$4.50, prepaid.

## PERMANENT GRASS SEED

### For Golf Links, Tennis Courts, Polo Grounds, Etc.

We have devoted much attention to the seeding and preservation of golf links, tennis courts and polo grounds, and offer the following mixtures, which have been used on many of the finest links with very satisfactory results. Prices subject to market fluctuation during the season.

### Golf Links Fair-Green Mixture

For the grounds in general. Made up from varieties of grasses perfectly adapted to rough usage. Will produce a beautiful, thick, tough lawn in a short time, and will maintain its appearance better than others, in spite of wear and dry weather. For golf links this mixture is equal if not superior to many golf link grasses now in use. Lb., 80 cts.; 5 lbs., \$3.50; 10 lbs., \$6.00; 20 lbs., \$10.00; 100 lbs., \$45.00, prepaid.

### Putting-Green Mixture

Our own special formula. A mixture of highest grade grasses that will make a close, firm green and lasting turf which will improve with tramping. Lb., \$1.00; 5 lbs., \$4.00; 10 lbs., \$7.50; 25 lbs., \$18.00; 100 lbs., \$70.00, prepaid.

### Polo Grounds Mixture

A mixture of fine-leaved and deep-rooting grasses, forming a strong and lasting turf that will stand hard usage. No better mixture can be procured for this purpose. 25 lbs., \$11.00; 100 lbs., \$40.00, prepaid.

### Tennis Court Mixture

A mixture of extra fine grasses peculiarly adapted to tennis courts. This mixture will make a firm, green and lasting turf of the finest texture that will improve with the tramping it receives. Has proved very lasting wherever used. 5 lbs., \$3.25; 10 lbs., \$6.00; 25 lbs., \$14.00; 100 lbs., \$55.00.

### Clover for Lawns

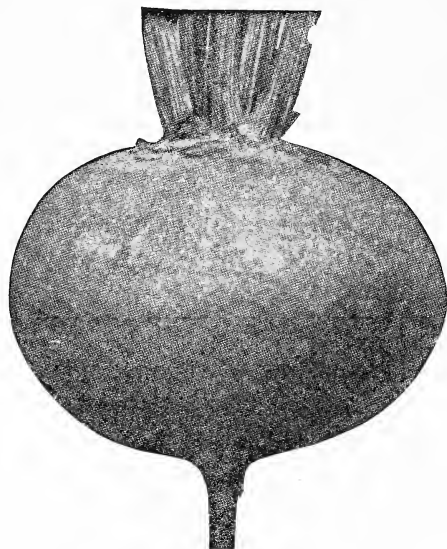
**WHITE DUTCH OR LAWN CLOVER** (*Trifolium repens*). This is valuable for pasture as well as for lawns; it succeeds where other clovers and grasses fail, and it seldom dies out. It can be sown at all seasons, although early spring is best; flowers greenish white. Sow 10 to 12 lbs. per acre if alone, or 5 lbs. if sown on old turf or with other crops.  $\frac{1}{4}$  lb., 30 cts.;  $\frac{1}{2}$  lb., 50 cts.; lb., 90 cts.; 5 lbs., \$4.25; 10 lbs., \$8.25, prepaid. Prices on White Clover subject to change.





# Johnson's Seeds that Produce

## Johnson's Novelties and Specialties in Vegetable Seeds



Johnson's New Dark Leaved Globe Beet

### Mary Washington Asparagus

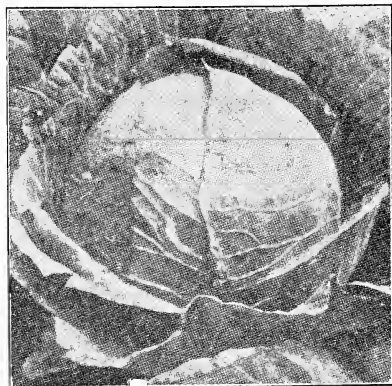
This is a selection from the Washington showing a marked improvement in every respect. It is much larger than the ordinary strain and is slightly earlier. The tips are very compact and are a rich purplish-green and the whole stalk from base to tip is remarkably tender. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 15 cts.; oz., 25 cts.;  $\frac{1}{4}$  lb., 70 cts.; lb., \$2.25, postpaid.

### Sutton's Masterpiece Bean for Forcing

This bean originated in England, where special attention is given to growing in the greenhouse and it is a splendid variety for that purpose. The plant makes a healthy growth and produces an abundant crop of large green pods, which are remarkably straight, broad, thick and of excellent quality. Pkt., 15 cts.;  $\frac{1}{2}$  lb., 60 cts.; lb., \$1.00; 2 lbs., \$1.75, prepaid.

### Extra Early Golden-Acre Cabbage

A small but very fine variety, as early as Jersey Wakefield, but with round, solid heads. The few outer leaves are small, permitting close planting and making the type a very suitable one, both for growth under glass and for the suburban gardener. Golden-Acre produces uniform, tightly folded, and well-blanching heads of the best mild table quality. Pkt., 15 cts.;  $\frac{1}{2}$  oz., 25 cts.; oz., 45 cts.;  $\frac{1}{4}$  lb., \$1.50; lb., \$5.50, postpaid.



Golden-Acre Cabbage

### Johnson's New Dark Leaved Globe Beet

A splendid type of the blood-turnip variety, combining fancy table quality with beautiful globe shape. The dark foliage of this variety is a striking feature, while the corresponding rich, dark color of flesh and beautiful globe shape combine to make it an exceedingly attractive Beet. The quality is sweeter and finer than any other beet we know of. Pkt., 10 cts.; oz., 25 cts.;  $\frac{1}{4}$  lb., 75 cts., postpaid.

### Johnson's Early Wonder Beet

An early variety, similar in type to Crosby's Egyptian. Globe shaped and very uniform in size, skin smooth, and flesh a deep blood red and extremely tender. It is admirably suited to the home garden and also on account of its earliness and superfine quality, valuable to the Market Gardener. Good for spring or late summer sowing. Pkt., 10 cts.; oz., 15 cts.;  $\frac{1}{4}$  lb., 40 cts.; lb., \$1.35, postpaid.

### Long Season Beet

Tender and Delicious the Whole Season Long

If you want a beet that will remain tender and sweet all summer long and well into the winter, try the "Long Season."

This is the best table beet we have ever eaten. It makes no difference whether the beets are young or old, small or large, they are always tender and good.

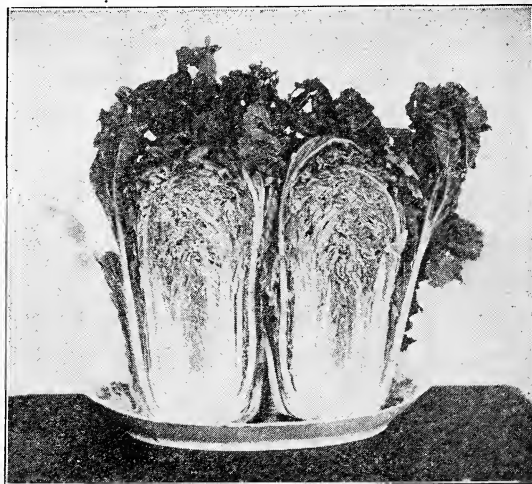
This beet grows slowly and should not be depended upon for early use. Pkt., 10 cts.; oz., 25 cts.;  $\frac{1}{4}$  lb., 60 cts., postpaid.

### Peerless Improved Bush Lima Beans

The plant grows in dwarf form, strong and vigorous, producing large numbers of handsome pods, grown in clusters and well filled with beans. Pkt., 15 cts.;  $\frac{1}{2}$  lb., 30 cts.; lb., 50 cts.; 2 lbs., 90 cts.; 5 lbs., \$2.00, prepaid.

### Improved Carpinteria Pole Lima Beans

Vines are vigorous and make strong growth, producing large quantities of pods, usually containing four large beans, which are thicker than ordinary lima, and retain their pale green color even when in the dry state. Pkt., 15 cts.;  $\frac{1}{2}$  lb., 35 cts.; lb., 55 cts.; 2 lbs., \$1.00; 10 lbs., \$4.50, postpaid.



Wong Bok Celery Cabbage

### Chinese Cabbage

**WONG BOK.** The heads of this sort are shorter and of greater diameter than Chihili and average heavier. Wong Bok has beautifully curled leaves of fine quality and is a sure header. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 20 cts.; oz., 30 cts.;  $\frac{1}{4}$  lb., 85 cts.; lb., \$2.50, postpaid.

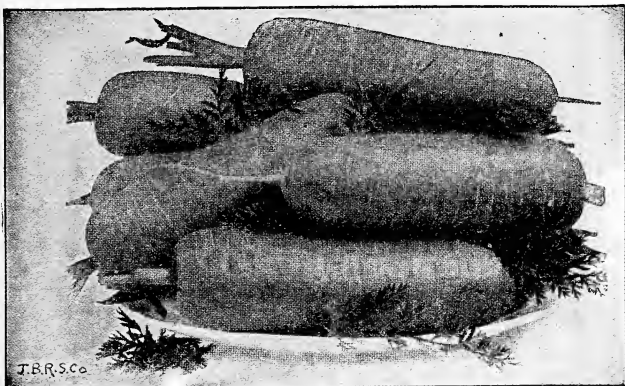
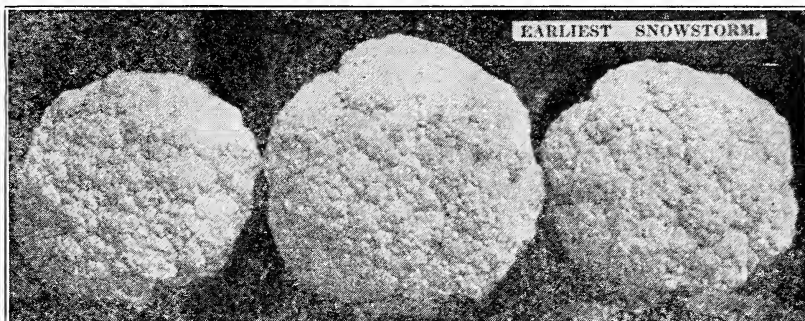
**CHIHILI.** This variety runs very true to type and is less liable to run to seed than other sorts. Length of head is about 16 inches. Outer leaves dark, bluish green, while the inside is creamy white and of fine quality. Pkt., 10 cts.; oz., 25 cts.; oz., 40 cts., postpaid.



## NOVELTIES AND SPECIALTIES—Continued

### Johnson's Earliest Snowstorm Cauliflower

Snowstorm is the very best and earliest strain of Cauliflower on the market for forcing. It is a dwarf variety, with short outer leaves, and can be planted close, 2 feet apart each way. It always makes a fine, large and exceedingly beautiful snowy white head, much earlier than any other variety. Pkt., 25 cts.;  $\frac{1}{4}$  oz., \$1.25;  $\frac{1}{2}$  oz., \$2.00; oz., \$3.50, postpaid.



Johnson's New Melting Orange Carrot

### Johnson's New Melting Orange Carrot

A very fine variety for table use. The carrots are very tender, of mild pleasant flavor, and without any hard core as in some varieties. The shape is ideal for a table carrot, being practically the same size from crown to bottom. The roots grow to medium size, are very smooth, and of a deep orange-red color all through. The carrots grow rapidly and are excellent for use when either young or full grown. Pkt., 10 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 60 cts.; lb., \$2.00, postpaid.

### Cleveland Market Broccoli

(True Italian Strain)

The sprouting Broccolis furnish delicious boiling greens during summer, autumn and early winter. The very choice variety which we offer has green tender shoots and leaves produced in the greatest abundance. Cultivation is the same as that for cabbage, sowing from March to early July, transplanting later, 2 feet or more apart. Broccoli is preferred by many to cauliflower. Pkt., 25 cts.;  $\frac{1}{4}$  oz., 30 cts.;  $\frac{1}{2}$  oz., 55 cts.; oz., \$1.00, postpaid.

### Mammoth New York Swiss Chard

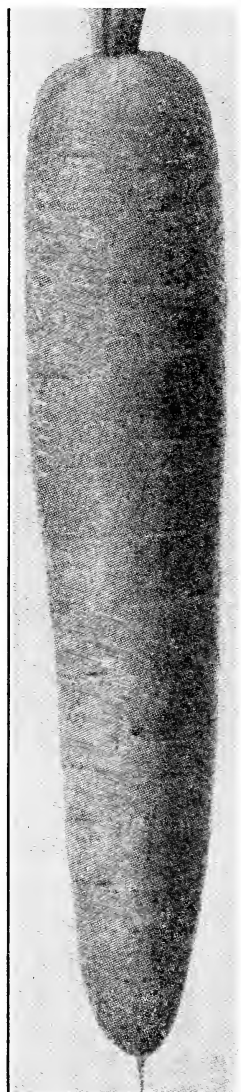
This is a new and quite distinct sort, medium green in color, and of large size. The leaves are smooth, and the stalks are solid, thick, and of a pearly whiteness. The remarkable feature about Mammoth New York, however, is its superior flavor; careful breeding has entirely eliminated the earthy flavor which many Chards possess. We anticipate a large demand for this variety. Pkt., 20 cts.;  $\frac{1}{2}$  oz., 55 cts.; oz., 95 cts.;  $\frac{1}{4}$  lb., \$2.50, postpaid.

### Helpful Advice Without Charge

Johnson's service does not end when the seeds are sold. Not only have we made this book a helpful guide to planting and cultivation, but should our customers require any special help on seeds, plants and bulbs, our staff of capable, practical experts is available. No charge is made. You are heartily invited to take advantage of this service, and we guarantee prompt and courteous attention.

### Johnson's New Extra Early Coreless Carrot

A very fine variety for table use. The carrots are very tender, of mild pleasant flavor, and without any hard core as in some varieties. The shape is ideal for a table carrot, being practically the same size from crown to bottom. The roots grow to a medium size, are very smooth, and of a deep orange-red color all through. The carrots grow rapidly and are excellent for use when either young or full grown. Pkt., 10 cts.; oz., 25 cts.;  $\frac{1}{4}$  lb., 75 cts., postpaid.



Johnson's New Extra Early Coreless Carrot



# Johnson's Seeds that Produce

## Specialties in Sweet Corn

### Johnson's Verifirst Sweet Corn

This new corn is so early that in a comparative test beside ten of the earliest sorts on the market, we found none to come within five days of being ready so soon for table use. It is a real acquisition for those who wish the earliest maturing sort either for home use or the market. Nothing that we know of can approach it for earliness, hardness and delicious flavor. Pkt., 15 cts.;  $\frac{1}{2}$  lb., 30 cts.; lb., 50 cts.; 2 lbs., 85 cts.; 5 lbs., \$2.00; 10 lbs., \$3.50, prepaid.

### Johnson's Golden Wedding Sweet Corn

A fine new sort, yielding two, and sometimes three, ears to each plant. It is a yellow variety, like Golden Bantam, but the ears are much larger and have 12 or more rows instead of the 8 rows of Golden Bantam. For sweetness and general refinement of flavor we consider it superior to the old Golden Bantam, and it is being served by many leading New York hotels.  $\frac{1}{2}$  lb., 30 cts.; lb., 55 cts.; 2 lbs., \$1.00; 5 lbs., \$2.25, prepaid.

### Early Dighton Sweet Corn

This new variety is the earliest of all white sweet corns, even earlier than the Extra-Early Adams. The stalks are 3 to 4 feet high, with the ear set low down on the stalk. Ears are 6 to 7 inches in length and most all carry 8 rows of grains. The quality is very good for so early a sort. Pkt., 10 cts.;  $\frac{1}{2}$  lb., 25 cts.; lb., 35 cts.; 2 lbs., 60 cts.; 10 lbs., \$2.75, prepaid.

### Whipple's Large Early Sweet Corn

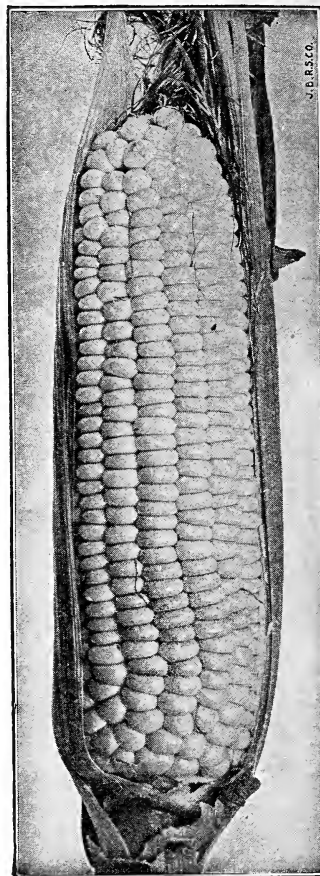
**A Splendid Sort to Follow Johnson's Verifirst**

This is a wonderful new early sweet corn. It matures as early as the small-eared early kinds and has ears that look like Evergreen.

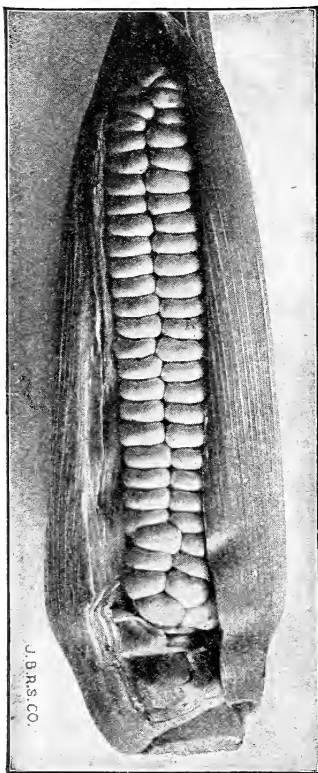
They are tender, very sweet and delicious. No other early white corn is of such fine quality. The ears are 7 to 8 inches long and very large around, as they have 16 to 20 rows of good sized kernels. Each ear is filled right to the tip. The ears look like Evergreen of a fine strain, yet they mature two to three weeks earlier. This corn matures only a few days later than Johnson's Verifirst. It will be like having Evergreen corn two weeks earlier than other people, and getting nearly twice as many dozen per acre. Pkt., 15 cts.;  $\frac{1}{2}$  lb., 30 cts.; lb., 55 cts.; 2 lbs., \$1.00; 10 lbs., \$4.50, prepaid.

### Johnson's New Golden Standard Sweet Corn

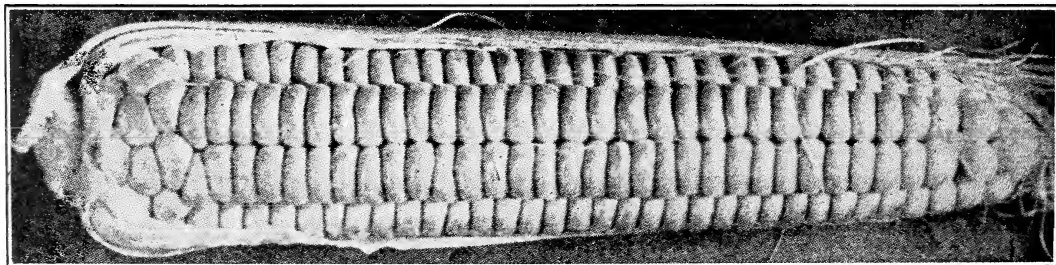
This splendid new sweet corn is almost identical with De Lue's Golden Giant, but we believe it is slightly larger and fully equal in quality. It is a cross between Golden Bantam and a large white sort, thus combining the rich buttery flavor of Bantam with the size and tenderness of the longer white parents. Planted in spring at same time as Bantam, the new Golden Standard will just follow the former in being ready for table use. For later successions we recommend using the New Golden Standard altogether on account of its larger size. Pkt., 15 cts.;  $\frac{1}{2}$  lb., 30 cts.; lb., 50 cts.; 2 lbs., 85 cts.; 10 lbs., \$4.00, prepaid.



Whipple's Early Sweet Corn



New Early Dighton



New Golden Standard Sweet Corn

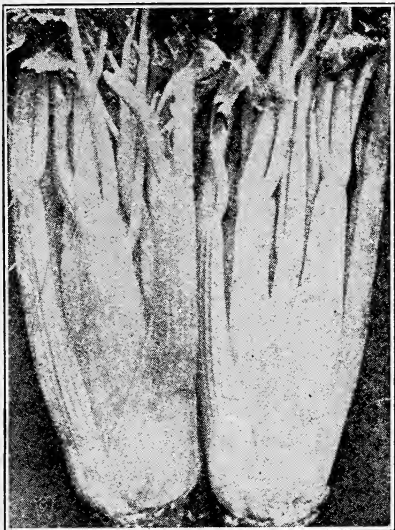




## Vegetable Specialties

### New Golden Plume Celery

It is the consensus of opinion of government and state authorities as well as the practical market gardeners and celery growers of the country, that this variety of Celery is the best golden self-blanching type yet produced here or abroad. It matures two to three weeks earlier and blanches in half the time of the old self-blanching strains. It has a large, generous, fast-growing heart, is crisp, free from stringiness and attractive in appearance, has a broad, well formed stalk with probably a larger percentage of edible celery than any other variety. Our seed is produced from original stock. Pkt., 25 cts.;  $\frac{1}{4}$  oz., 60 cts.;  $\frac{1}{2}$  oz., \$1.00; oz., \$1.75;  $\frac{1}{4}$  lb., \$6.50, postpaid.



New Golden Plume or Wonderful Celery

**GARDEN GUIDE** (Amateur Gardener's Handbook). This gem covers every step from the preparation of the soil to the preservation of the harvest and we are glad to recommend it to every person who has a lawn to care for, a garden to plant, fruits and ornamentals to prune. Whoever enjoys flowers and wishes to keep them free from insects will appreciate its helpful suggestions. Over 275 illustrations appear on its 384 pages. Postpaid, cloth, \$1.65.

### Quality First

A garden or farm is planted for results. We are always striving to better our stocks, and in filling your orders we are always alert to the necessity of supplying seeds of the best possible quality. We want you to know that we value your confidence in our ability to give you the best of everything in our line.

JOHNSON'S SEED STORE.

### Johnson's First in the Market Cucumber

For over thirty years we have been selecting and breeding up this type of extra early White Spine—the object being to get perfect fruits of "slicing" size into the market at earliest possible date. The color is an attractive dark green and the table quality is unsurpassed. The vines are of vigorous growth and produce abundantly, making them most profitable, both for the earliest "slicers" and when planted in June or July for pickles. When ready for slicing they run from 6 to 8 inches long, very straight and full and tapering abruptly at both ends. This sort is not only very desirable for market gardeners in the north but is much in favor in more southern localities for early shipment to northern markets.

We take special pride in this variety and can highly recommend it. Pkt., 10 cts.; oz., 25 cts.;  $\frac{1}{4}$  lb., 75 cts.; lb., \$2.50, postpaid.

### Johnson's Selected Davis Perfect Cucumber

We have spent many years in working up a very fine strain of Davis Perfect in which fine length, slimness, beautiful dark green color, transparent-like flesh with deliciously cool refreshing flavor and enjoyable crispness are distinguishing features and qualities of this, the most popular of the extra long white spine cucumbers. For indoor and outdoor planting it is most popular. Its extremely vigorous growth makes it the best blight resister of the long sorts. Pkt., 10 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 50 cts.; lb., \$1.50, postpaid.

### New York or Wonderful Lettuce

Possibly the largest Lettuce in cultivation. It is so distinct that, with its crisply curled leaves, very dark color, and remarkable size, it may puzzle even the experienced grower if unacquainted with it. New York is a sure-heading variety, suitable both for spring and late summer planting; the big, compact, white heads are of the best possible quality. The heart is large, white, crisp and very compact. New York or Wonderful needs 50 per cent more room in which to grow than varieties of the usual type. Pkt., 10 cts.; oz., 35 cts.;  $\frac{1}{4}$  lb., 90 cts.; lb., \$3.00, postpaid.



Johnson's First in Market Cucumber



# Johnson's Seeds that Produce

## Vegetable Specialties

### Extra Early Lake Champlain Muskmelon

This Wonderful New Muskmelon Produces Most Delicious Fruit  
57 Days from Planting

Lake Champlain is a medium sized melon, nicely netted, flesh deep, sweet and melting, of golden yellow color. The plant is very vigorous and healthy, setting and ripening melons even under adverse conditions which totally destroyed other varieties.

Being a marvel of earliness, productiveness and quality, it will at once prove profitable to either the home or market gardener. Pkt., 10 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 45 cts.; lb., \$1.50, postpaid.

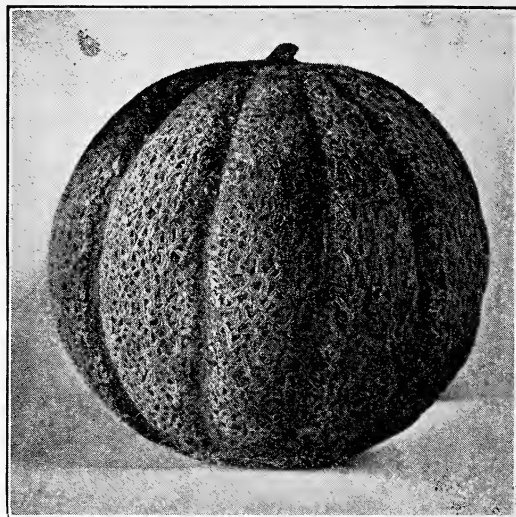
### Bender's Surprise Muskmelon

We do not know of any large muskmelon quite equal to the Bender. In a favorable season, if planted in the open ground the middle of May, will ripen the last of August.

The flesh is deep orange colored, very thick, deliciously sweet and of high flavor. The melons are of oval shape, light green with coarse netting.

The size averages quite large, many weighing 10 pounds.

We offer seed of our own growing and of a very fine selected strain. Pkt., 10 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 50 cts.; lb., \$1.75, postpaid.



Lake Champlain Muskmelon

### Semesan: Seed Disinfectant

Mix a small quantity of Semesan powder with your seeds before sowing—a teaspoonful to one ounce of seed, a "pinch" of the powder to a packet—shake together for a minute and sow. Protects against fungus and disease. 2 ozs., 50 cts.;  $\frac{1}{2}$  lb., \$1.60; lb., \$2.75; 5 lbs., \$13.00.

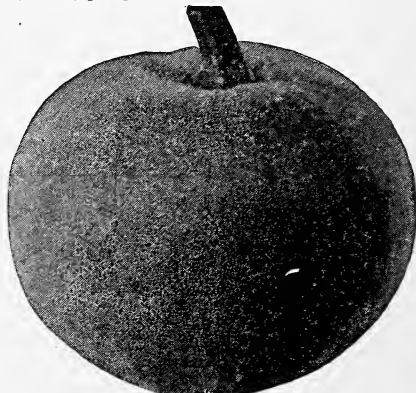
### Johnson's Bouquet Parsley

This New Parsley is so beautifully curled and crested that we have felt justified in calling it "Bouquet." Without doubt it is the most ornamental variety grown—and hence for garnishing has no equal. It is of dwarf, compact habit of growth, and its color is a most pleasing shade of green. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 20 cts.; oz., 35 cts.;  $\frac{1}{4}$  lb., \$1.00, postpaid.

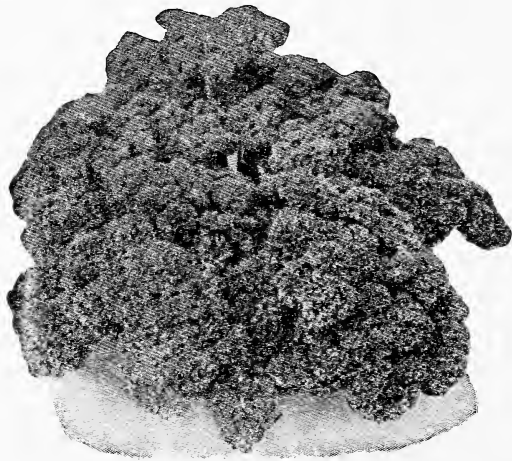
### Pumpkin Winter Luxury

Rich, Sweet Flavor; Makes Good Pies Without Eggs.

The color of the skin is similar to that of the Golden Russet Apple. Flesh yellow and very thick. Quite early, surprisingly productive, and a rapid and hardy grower. The very finest for pies, making good ones even when eggs are not used. Size, 8 to 10 inches in diameter. Large pkt., 10 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 40 cts.; lb., \$1.25, postpaid.



Winter Luxury Pumpkin



Johnson's Bouquet Parsley

### Perpetual Spinach

The seed of this desirable plant may be sown any time from April to June and in six weeks cutting may commence, to continue right through into fall, for Perpetual Spinach is highly resistant to frost. The "greens" furnished are similar in flavor to true spinach, the leaves being very tender, even when allowed to grow large; they are both palatable and healthful. Cut the leaves about 3 inches from the ground. We offer a special strain of imported seed that has given satisfaction wherever sown. Pkt., 15 cts.; oz., 45 cts.;  $\frac{1}{4}$  lb. \$1.30; lb., \$3.50.

### Essex Wonder Tomato

This variety has been evolved by an English grower, and combines extreme hardness with high-quality fruit and heavy yield. It will withstand several degrees of frost without injury and may be set out a few days earlier than ordinary sorts, while late plantings will yield fruit along into October.

Seven trusses of fruit on a single-stem plant is not exceptional, and many trusses may consist of upward of twenty fruits, each weighing three to four ounces. These fruits set, develop and ripen in a remarkable hurry. Essex Wonder Tomato has a thin skin; its plum-like pulp, abundant juice and freedom from tough, fibrous matter make it good eating indeed. Pkt. (about 200 seeds), 50 cts.



## Vegetable Specialties

Delicious Green Peas from June to August



Johnson's Prizewinner

### Special Free Delivery

All Seeds, Plants and Bulbs in quantities offered in this catalog are delivered transportation paid anywhere in the United States, we reserving the privilege of shipping either by Parcel Post, Express or Freight.

### Gigantic Gibraltar Onion

On the order of "Prizetaker" both in shape and size of bulbs. It is of globe shape with light straw-colored skin and white flesh, which is very mild and tender. This variety will produce onions averaging five inches in diameter and weighing up to 2 lbs. If seed is sown early under glass and young plants are transplanted in April. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 35 cts.; ¼ lb., \$1.00; lb., \$3.50.

### Perfection Pimiento Pepper

One of the best for the home garden, to be used both green or ripe. Top-shaped, smooth, the flesh is twice as thick as that of ordinary peppers, delicious in flavor, sweet and entirely free from pungency. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., \$1.00, postpaid.

### Grow More This Season

Are you utilizing all that ground of yours? Make it produce MORE. Plant Johnson's "Seeds that Produce," and get results that will repay you for your time.

Instead of planting only one variety of peas at intervals of 2 or 3 weeks use the following selected varieties and plant all at one time in early spring. This will allow a good root system to develop before hot weather comes. The varieties will bear in the order shown below, beginning about June 20, and keep up a steady succession until late August.

### Johnson's New Extra Early Eight Weeks Peas

The earliest of all Peas and of exceptionally good quality for a smooth-seeded variety. Some people plant this variety exclusively, making successive plantings as the season advances, as they have found that it will give a larger yield on a comparatively small space of ground than any other sort. The vines grow 10 to 15 inches high, depending on soil and season.

Early Eight Weeks is a vigorous grower, bearing loads of good sized pods well filled with peas that surpass in quality any of the older extra early varieties. Pkt., 15 cts.; ½ lb., 40 cts.; lb., 65 cts.; 2 lbs., \$1.10; 5 lbs., \$2.50; 10 lbs., \$4.50, postpaid.

### Johnson's New Hundredfold Peas

The Best Early Dwarf Wrinkled Pea

The New Hundred is unequalled for its combination of extreme earliness, superb quality and unusual productiveness. The dwarf vigorous vines average 15 inches in height and carry really enormous crops of large, deep bluish-green pods. The pods measure 4 to 4½ inches long and are tightly packed with 8 to 10 large, deep bluish-green peas. Thousands of our customers would not grow any other variety of peas because they know that the New Hundredfold cannot be excelled in quality and yield by any other dwarf pea. Our stock is extra fine. Pkt., 15 cts.; ½ lb., 40 cts.; lb., 65 cts.; 2 lbs., \$1.10; 5 lbs., \$2.50; 10 lbs., \$4.50, postpaid.

### Johnson's New Prizewinner Peas

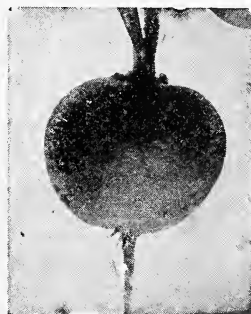
The Most Superb Table Quality

Johnson's New Prizewinner Pea produces its pods, which are of a rich dark green color, in 68 days from planting. Pods often measure 6 inches in length, and contain from 9 to 11 peas of enormous size, and of most tender and delicious quality. The growth is strong and healthy—about 20 inches high. It is astonishingly productive, and no variety we know of will produce more pods or shell out in greater abundance. The color of foliage and pod is so unusually dark and healthy that it is always noticeable. No lover of peas should fail to grow some of these. Large pkt., 15 cts.; ½ lb., 35 cts.; lb., 60 cts.; 2 lbs., \$1.00; 5 lbs., \$2.00; 10 lbs., \$3.50.

### Johnson's New Saxa Radish

The Quickest Growing, Round Red Sort

This desirable, quick growing, red button radish produces its crop in 16 to 20 days. Round as a marble, having a very small top and tap root. The skin is a bright scarlet color, with firm white flesh, which is crisp, brittle and juicy. Adapted for forcing or outdoor planting. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 35 cts.; lb., \$1.25, postpaid.



New Saxa Radish



# Johnson's Seeds that Produce

## GENERAL LIST

### Johnson's High Grade Vegetable Seed

#### For Home and Market Gardens

#### Asparagus Seed

One of the finest and most delicious vegetables in spring. No garden is complete without an asparagus bed. Can be grown in any good garden soil and prefers sunny, moist location.

**ARGENTEUIL.** Very popular in France, and extensively grown for the Paris market. The stalks grow to a mammoth size, sometimes weighing as much as 4 ounces each. Pkt., 10 cts.; oz., 15 cts.;  $\frac{1}{4}$  lb., 25 cts.; lb., 90 cts., postpaid.

**PALMETTO.** Earlier and larger than Colossal. Pkt., 10 cts.; oz., 15 cts.;  $\frac{1}{4}$  lb., 25 cts.; lb., 90 cts., postpaid.



**NEW WASHINGTON PEDIGREED.** Produces large straight shoots, dark green in color. The tips are tight and firm and do not begin to open out until well out of the ground, making the finest kind of Asparagus for both market and home. Those who desire to save time in bearing will do well to order our strong two-year-old roots instead of seed. Pkt., 10 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 60 cts.; lb., \$1.75, postpaid.

#### Asparagus Roots

We offer strong two-year-old roots of the following varieties: Argenteuil, Palmetto and Conover's Colossal.

Any of the above Asparagus 40 cts. per doz.; \$2.00 per 100; \$8.50 per 500; \$15.00 per 1,000.

Washington Roots: 65 cts. per doz.; \$3.25 per 100; \$18.00 per 1,000.

Cultural Notes on Asparagus free on application.

#### Artichoke

**JERUSALEM.** (Tubers.) Qt., 50 cts.; pk., \$2.50; bu., \$7.50.

**LARGE GLOBE.** (Seed.) The flower heads are cooked like Asparagus. Pkt., 10 cts.; oz., 60 cts.;  $\frac{1}{4}$  lb., \$1.75; lb., \$5.50.

#### Beans—(Bush) Wax or Yellow Podded Varieties

**Culture.** Bush Beans may be had throughout the season by planting at intervals of two weeks, from the beginning of May until the middle of August; they should be planted in drills two feet apart, one seed every six inches covered one inch deep. One pound (about 1 pint) will plant 100 feet of single row.

**WARDWELL'S KIDNEY WAX.** A very popular variety of Wax Bean, bearing long, flat pods of a delicate waxy yellow, stringless and brittle, producing a heavy crop. The pods mature a little later than Golden Wax, but are produced in great abundance. Pkt., 10 cts.;  $\frac{1}{2}$  lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.; 10 lbs., \$3.25, postpaid.

**DAVIS KIDNEY WAX.** The handsomest of all the early Wax Beans. The pods are long (seven inches), straight, very uniform and clear waxy white. Pkt., 10 cts.;  $\frac{1}{2}$  lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.; 10 lbs., \$3.25, postpaid.

**IMPROVED GOLDEN WAX.** Counted by many to be superior to all others. This bean, introduced in 1876, still continues the standard variety for home use. The pods are long, nearly straight, broad, half-round, golden yellow, very fleshy and wax-like. They cook quickly as snap beans and are of the highest quality. Pkt., 10 cts.;  $\frac{1}{2}$  lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.; 10 lbs., \$3.25, postpaid.

**PENCIL POD BLACK WAX.** (Cylinder Pod.) Dwarf bush growth and very prolific, one of the earliest. Pods four to five inches in length, quite round; meaty, brittle and stringless; deep golden yellow; of excellent flavor. Pkt., 10 cts.;  $\frac{1}{2}$  lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.; 10 lbs., \$3.25, postpaid.

**CURRIE'S RUST-PROOF WAX.** An improvement on the old-fashioned Golden Wax, and ready about mid-season. Pods grow long, flat, very tender and of finest quality. Pkt., 10 cts.;  $\frac{1}{2}$  lb., 25 cts.; lb., 45 cts.; 2 lbs., 90 cts.; 10 lbs., \$3.75, postpaid.

**NEW KIDNEY WAX.** Robust in growth and very prolific with long pods, entirely stringless, fleshy and of fine quality. Pkt., 10 cts.;  $\frac{1}{2}$  lb., 30 cts.; lb., 55 cts.; 2 lbs., \$1.00; 10 lbs., \$4.50, postpaid.

**HODSON WAX.** A distinct Wax Bean of unusually healthy growth, which enables it to resist disease. The variety is remarkably prolific, with straight, oval pods. In season it follows Wardwell's Kidney Wax and other standard sorts, thus giving a succession. On this account and because of its remarkable productiveness and beauty it is becoming very popular. Pkt., 10 cts.;  $\frac{1}{2}$  lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.; 10 lbs., \$3.50, postpaid.

**SURE-CROP STRINGLESS WAX.** A valuable variety of Dwarf Wax Bean which, while not related to the well-known Currie's Rust-Proof Wax, bears a great resemblance to it in plant and seed. It is very productive, bearing large, handsome golden yellow pods in great abundance. Pkt., 10 cts.;  $\frac{1}{2}$  lb., 30 cts.; lb., 55 cts.; 2 lbs., \$1.00; 10 lbs., \$4.50, postpaid.



Wardwell's Kidney Wax





## Green Podded Dwarf Beans

All Prices Quoted Are Prepaid

**EARLIEST RED VALENTINE.** This variety is usually ready to pick in 35 days from time of planting. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.; 10 lbs., \$3.50, postpaid.

**BLACK SEEDED VALENTINE.** This variety is valuable because it withstands considerable cold, damp weather and hence may be planted very early. The pods are round, very fleshy and entirely stringless. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.; 10 lbs., \$3.50, postpaid.

**BOUNTIFUL.** This one is the best of the flat-podded stringless varieties. The light green pods are 6½ to 7 inches long, flat, slightly curved, absolutely stringless, attractive and of very fine quality. At the same time it is very early, vigorous, hardy and a heavy yielder. Pkt., 15 cts.; ½ lb., 35 cts.; lb., 65 cts.; 2 lbs., \$1.10; 10 lbs., \$5.00, postpaid.

**GIANT STRINGLESS GREEN POD.** This Bean is absolutely stringless. Fine, large, round, fleshy, tender pod. As early as Six Weeks, with the advantage of being a better cropper. The plants are of strong growth, very productive, pods 5 inches long, light green, slightly curved, very meaty, being broadly rounded, saddle backed and absolutely stringless. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.; 10 lbs., \$3.50, postpaid.

**REFUGEE, OR THOUSAND TO ONE.** Very tender and productive. Splendid for late planting. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.; 10 lbs., \$3.50, postpaid.

**BURPEE'S STRINGLESS GREEN POD.** This Bean is very early, productive, hardy and vigorous; the pods average about 5 inches long, straight, stout, round, crease-backed, and of a dark green color. They are tender, brittle, of the finest flavor and quality, and strictly stringless. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.; 10 lbs., \$3.50, postpaid.

**DWARF HORTICULTURAL.** (Roma.) The young green pods are tender and of good flavor, slightly curved, 5 inches long, colored greenish yellow, speckled with carmine. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.; 10 lbs., \$3.50, postpaid.

**FULL MEASURE.** A fine stringless, early, medium green, high quality bean. Pods straight, 6 inches long, very fleshy, round, crease backed and showing depressions around the beans. Season with Burpee's Stringless. Seed bean much resembles Red Valentine. Pkt., 15 cts.; ½ lb., 35 cts.; lb., 65 cts.; 2 lbs., \$1.10; 10 lbs., \$5.00, postpaid.

**IMPROVED ENGLISH BROAD WINDSOR.** Large and productive, bushy habit; well podded from top to bottom of stem. Pkt., 15 cts.; ½ lb., 40 cts.; lb., 70 cts.; 2 lbs., \$1.30; 10 lbs., \$5.50, postpaid.

## Baking Varieties

**RED KIDNEY.** This variety is extensively used by many people for baking. We have a prolific type that is very desirable. Pkt., 10 cts.; ½ lb., 20 cts.; lb., 35 cts.; 2 lbs., 60 cts.; 10 lbs., \$2.75, postpaid.

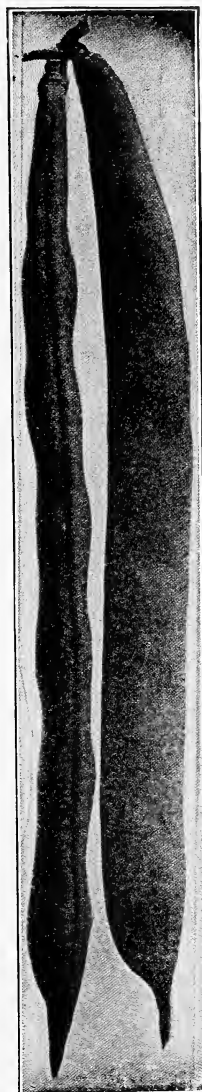
**WHITE KIDNEY.** Excellent shell bean. Pkt., 10 cts.; ½ lb., 20 cts.; lb., 35 cts.; 2 lbs., 60 cts.; 10 lbs., \$2.50, postpaid.

**IMPROVED BOSTON PEA OR NAVY.** Choicest northern grown seed. Pkt., 10 cts.; ½ lb., 20 cts.; lb., 35 cts.; 2 lbs., 60 cts.; 10 lbs., \$2.50, postpaid.

**WHITE MARROW.** Fine early shell beans. Pkt., 10 cts.; ½ lb., 20 cts.; lb., 35 cts.; 2 lbs., 60 cts.; 10 lbs., \$2.50, postpaid.



Fordhook Bush Lima Bean



Bountiful Bush Bean

## Bush Lima Beans

**BURPEE'S IMPROVED.** This has uniformly larger pods than the original Burpee's Bush Lima. Beans are thicker and remain green even in the dry stage. The plants are very prolific, bearing pods in clusters of from five to seven. The individual pods average 5 inches long and contain up to six beans. The beans are thin-skinned and of delightful flavor. Pkt., 20 cts.; ½ lb., 40 cts.; lb., 75 cts.; 2 lbs., \$1.25; 10 lbs., \$5.75, postpaid.

**NEW WONDER** (Quarter Century, or Burpee's Bush Lima). Pods smaller than Burpee's Improved; beans slightly smaller; a few days earlier and quite productive. A sure cropper. Very true to bush form. Pkt., 15 cts.; ½ lb., 35 cts.; lb., 60 cts.; 2 lbs., \$1.00; 10 lbs., \$4.50, postpaid.

**HENDERSON'S.** Beans and pods are small. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.; 10 lbs., \$3.75, postpaid.

**FORDHOOK.** The stiffly erect bushes branch freely and bear tremendous crops. It is ready for use quite early. The beans are very fat, are closely packed in the pods, shell very easily and remain green a long time. Pods are borne in clusters of from four to six, average 4 to 5 inches long and contain usually four tender beans of a delightful flavor. Pkt., 20 cts.; ½ lb., 40 cts.; lb., 75 cts.; 2 lbs., \$1.25; 10 lbs., \$5.75, postpaid.

Ask for Special Prices on Beans in Larger Quantities

We wish you would write us frankly about the results you have with our seeds.



# Johnson's Seeds that Produce

## Pole Lima Beans

Lima Beans will not grow until the weather and ground are warm. If planted before, they are almost sure to rot in the ground. See cultural directions for Pole Beans below.

One pound of medium-sized Lima Beans will plant 150 hills, three beans to the hill.

Prices on Beans include postage.

**EARLY LEVIATHAN.** The earliest of the large-podded sorts.

The pods are 5 to 6 inches in length and often contain five to six large, flat, pale green beans of excellent quality. The Early Leviathan is very productive. Pkt., 15 cts.; ½ lb., 35 cts.; lb., 55 cts.; 2 lbs., 90 cts.; 10 lbs., \$4.00, postpaid.

**CARPINTERIA LARGE GREEN-SEEDED.** Vines are strong, vigorous growth, setting many pods, which are closely filled with large, fat beans, much thicker than those of the ordinary pole limas. Pods contain three to four beans, which retain the

green tint in the dry state—a sure indication of fine quality. Pkt., 15 cts.; ½ lb., 35 cts.; lb., 55 cts.; 2 lbs., \$1.00; 10 lbs., \$4.50, postpaid.

**GIANT-PODDED.** The largest-podded lima in cultivation; extremely vigorous in growth; midseason. Pods measure about 7 inches long by 1½ inches broad and are borne in clusters of six to eight; beans extra large and of excellent quality. Pkt., 15 cts.; ½ lb., 35 cts.; lb., 55 cts.; 2 lbs., \$1.00; 10 lbs., \$4.50, postpaid.

**KING OF THE GARDEN.** Vigorous grower, pods containing five to six large beans, which are of fine quality. The vines grow strong and yield heavily. A very fine variety. Pkt., 15 cts.; ½ lb., 35 cts.; lb., 55 cts.; 2 lbs., \$1.00; 10 lbs., \$4.50, postpaid.

Use Farmogerm Inoculator for Your Beans

## Pole or Running Beans

The Pole or Running varieties are tender and should be sown two weeks later than Bush Beans. They succeed best in sandy loam, which should be liberally enriched with manure. Form hills 3 to 4 feet apart; plant three to six beans in a hill, 2 inches deep, leaving space in center for the pole. When well started they should be thinned to from two to four plants in the hill.

Two pounds will make 100 to 200 hills, according to size of Beans

**KENTUCKY WONDER or OLD HOMESTEAD.** An old favorite, with long, fleshy, deeply saddle-backed pods. Very prolific, producing an abundance of fine, stringless, crisp pods until late in the season. Of best quality. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.; 10 lbs., \$3.50, postpaid.

**KENTUCKY WONDER WAX.** Quite similar to the Kentucky

Wonder or Old Homestead, except in the color of pods, which in this one are light waxy yellow. It has a thick, broad pod, very tender, of delicious flavor and stringless. The pods often attain a length of 8 to 9 inches. It begins bearing when the vines are only a few feet in height, hence its earliness, and, therefore, well adapted to maturing a crop where seasons are quite short. Pkt., 10 cts.; ½ lb., 30 cts.; lb., 55 cts.; 2 lbs., 1.00; 10 lbs., \$4.50, postpaid.

**EARLY GOLDEN CLUSTER WAX.** Vines strong and hardy; very early and continue bearing until frost. Pods are golden yellow, stringless, and tender. Pkt., 10 cts.; ½ lb., 30 cts.; lb., 55 cts.; 2 lbs., \$1.00, postpaid.

## Sugar Beets for Stock Feeding

Sugar Beets are not as heavy yielders as the mangels but are of superior quality, containing a large amount of sugar. They are excellent for feeding cows, improving wonderfully the quantity and quality of milk. They require the same culture as mangel-wurzels.

**KLEIN WANZLEBEN.** This splendid Sugar Beet is one of the greatest milk-producing roots known. The yield is not quite equal to mangels, yet the feeding value is superior. Contains the greatest amount of sugar of any. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., 75 cts., postpaid.

**LANE'S IMPERIAL.** Especially good for stock feeding. Large, smooth, fine-grained and very sweet. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., 75 cts., postpaid.

**GIANT HALF-SUGAR ROSE.** Yield nearly as much per acre as mangel-wurzels and the roots are of much larger nutritive value. Roots grow partly out of ground and are easily harvested. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., 80 cts., postpaid.

**GIANT HALF-SUGAR WHITE.** Similar to above, only white. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., 75 cts., postpaid.

## Mangel-Wurzels—Stock Beets

An ever-increasing acreage is being planted to Stock Beets because of the wonderful results from feeding them. Sow in rows 2½ to 3 feet apart as soon as the ground can be thoroughly worked. Cover seed about 1 inch, making ground firm over the seed. When 4 inches high, thin to 8 inches apart. Beets cannot stand being frozen, so should be harvested before cold weather sets in, and they may be buried in pits the same as potatoes or turnips, when roots are thoroughly dry.

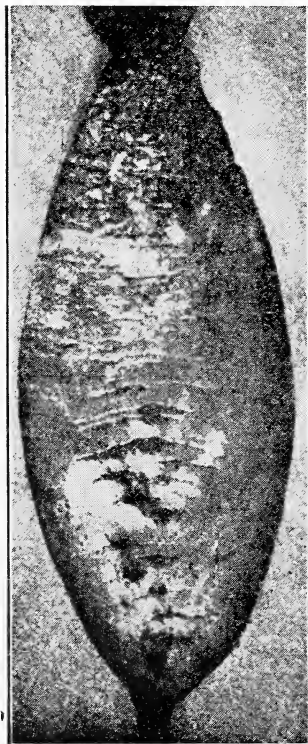
Six pounds of seed sow 1 acre.

**MAMMOTH LONG RED.** Also called Norbiton Giant, Jumbo Mangel, Colossal, etc. A favorite with the farmer and dairyman. Large, well-formed, dark red color; very nutritious, a big cropper. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.; 5 lbs., \$2.75; 10 lbs., \$5.00, postpaid.

**GOLDEN TANKARD.** Very productive and sweet; flesh yellow; tops and neck very small; easily pulled; especially relished by sheep and cows. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.; 5 lbs., \$2.75; 10 lbs., \$5.00, postpaid.

**YELLOW or ORANGE GLOBE.** Very productive; easily pulled; fine keeper; spherical shape; orange-yellow skin and flesh. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts., postpaid.

**GOLDEN GIANT INTERMEDIATE.** Yellow Leviathan or Mammoth Yellow. Beautiful russet-yellow; skin smooth; flesh white, firm, sweet; productive; easily pulled; good keeper. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 75 cts., postpaid.



Giant Feeding Sugar Beet

Ask for prices on large lots of both Mangels and Sugar Beets.



## BEETS FOR TABLE USE

If wanted very early, sow in hotbeds and transplant; but for main crop sow in the spring, as soon as the ground becomes fit to work, in drills  $1\frac{1}{2}$  feet apart,  $\frac{1}{2}$  inch deep. For winter use, the turnip varieties may be sown as late as June and the seed covered 2 inches. When the plants are 3 to 4 inches in height, thin out so that they stand 3 to 4 inches apart. Before freezing weather sets in the roots may be stored in cellars or pits, same as potatoes. Dry earth thrown over them before the straw is put on insures their keeping over winter. Do not bruise them in handling.

One ounce of seed will sow 50 feet of drill; 5 to 6 pounds to the acre.

**JOHNSON'S DARK-LEAVED GLOBE.** See page 4.

**LONG SEASON.** See page 4.

## Detroit Dark Red

Best for canning. This superb variety is one of the most popular red turnip Beets, not only for market gardeners, but for home use. The small top, early maturing and splendid shape and color have made it a favorite. Top small, upright growing, leaf, stem and veins dark red, blade green; root globular and very smooth; color of skin dark red; flesh deep, bright red, very crisp, tender and sweet. Pkt., 10 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 50 cts.; lb., \$1.50, postpaid.

## Extra-Early Dark Red Egyptian

Very early, but a little later than Crosby's Egyptian, which has quite largely taken the place of it. The shape is more flat. Dark blood red, medium size, tender and sweet. Good for forcing. Pkt., 10 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 45 cts.; lb., \$1.25, postpaid.

## Swiss Chard or Spinach Beet

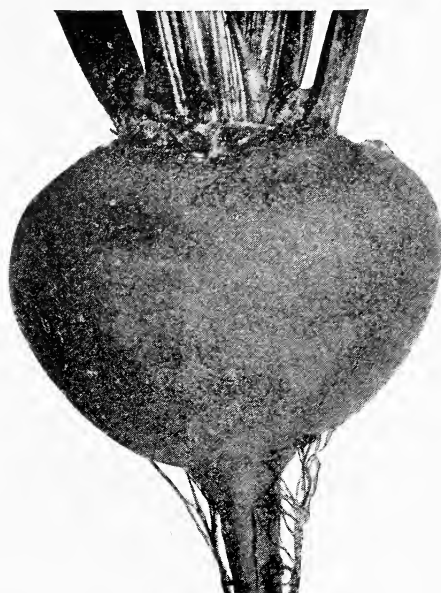
A peculiar variety of Beet, of which the leaves only are used as "greens" when young, and are equally delicious when allowed to mature. The broad, white leaf-stalks or midribs can be cooked and served like asparagus. Produces continually from July until fall. Desirable for greens in summer when spinach cannot be grown.

**SILVER or SEA KALE.** Yellowish green in color. The original Swiss Chard, of medium size. Smaller than Lucullus. Pkt., 10 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 45 cts.; lb., \$1.25, postpaid.

**LUCULLUS.** An improved variety yielding an enormous crop of delicious "greens." The plants grow from 2 to  $2\frac{1}{2}$  feet tall and consist, when fully developed, of about a dozen creamy white beautifully curled leaves. These leaves are carried on broad, thick stalks, about 1 foot long. Pkt., 10 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 50 cts.; lb., \$1.50, postpaid.



Detroit Dark Red



Johnson's Early Wonder

## Crosby's Improved Egyptian

Of handsome form, good size, few small tops, very small tap-root, fine quality and a rapid grower. Very early. Takes on its turnip shape and looks well in the very early stages of its growth, on which account it is preferred for first early crop. Being a rapid grower, it may be sown outside as late as July. Skin dark red, flesh somewhat lighter. We have a very fine stock and believe it is nearer the original Crosby idea than any other. Pkt., 10 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 45 cts.; lb., \$1.25, postpaid.

## Crimson Globe

A late main crop variety. Root of medium size, handsome globe shape and remarkably smooth surface. Skin and flesh are deep, rich red, fine grained, sweet and tender in all stages of growth. Small tap-root; leaves are small, dark green. Pkt., 10 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 50 cts.; lb., \$1.50, postpaid.

## Early Eclipse

The tops are small, roots are bright deep red, smooth, round or slightly top-shaped. The flesh is bright red, zoned with pink; very sweet, crisp and tender when young. Pkt., 10 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 45 cts.; lb., \$1.25, postpaid.

## Dewing's Improved Blood Turnip

The leading medium-early and late main crop variety. Roots smooth, handsome, good size, tender and sweet. An enormous cropper. Sow late for winter storage. Pkt., 10 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 50 cts.; lb., \$1.50, postpaid.

## Edmand's Blood Turnip

A second early sort and very uniform. Root is always smooth, round, and handsome; top small; of good marketable size and among the best for table use. Color dark red; crisp, tender and sweet; good keeper. Pkt., 10 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 45 cts.; lb., \$1.25, postpaid.

## Early Wonder

The demand for Early Wonder is growing rapidly. It is a turnip-shaped variety of very uniform type and is always smooth. Flesh is a beautiful deep red color, more uniform than Crosby, and is of excellent quality. Tops are small and erect and it may therefore be planted closer than most other sorts, thereby increasing the yield. Pkt., 10 cts.; oz., 15 cts.;  $\frac{1}{4}$  lb., 40 cts.; lb., \$1.35, postpaid.

## Broccoli

### Hardier Than Cauliflower

**Culture.** Should be treated the same as cauliflower, which it resembles. Grows larger and taller. A packet will produce about 250 plants, about 3,000 plants to an ounce.

**WHITE CAPE.** The large white heads are handsome; of delicate cauliflower flavor. Matures its heads in 150 days. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 40 cts.; oz., 75 cts.;  $\frac{1}{4}$  lb., \$2.50, postpaid.

## Brussels Sprouts

**Culture.** Same as late Cabbage.

**HALF DWARF PARIS MARKET.** A dwarf variety, producing numerous heads. Pkt., 10 cts.; oz., 35 cts.;  $\frac{1}{4}$  lb., \$1.00, postpaid.

We would appreciate knowing of your success with Johnson's "Seeds That Produce."

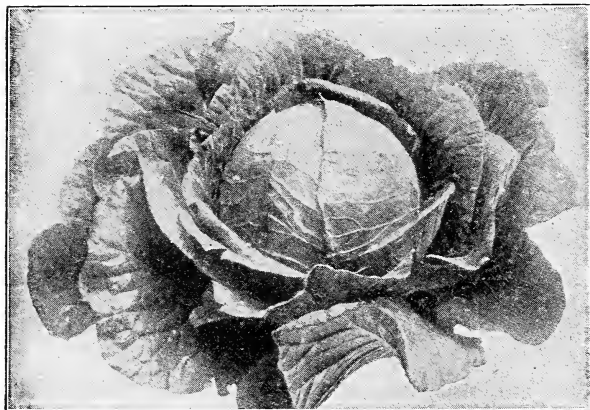


# Johnson's Seeds that Produce

## CABBAGE

One ounce will produce 1,500 plants; ½ pound will plant an acre

For very early use sow in January or February in hotbeds, or sow in hotbeds in March. Transplant to the open ground when danger from killing frost has passed, in rows 2 feet apart and 18 inches from plant to plant. For succession sow in the open ground the last of March or early in April. The autumn and winter varieties may be sown early in May in shallow drills 3 or 4 inches apart; transplant early in July, making the rows about 2½ feet apart, and setting the plants 2 feet apart in the rows.



Copenhagen Market Cabbage

### The Best Early Varieties

Johnson's New Golden Acre Cabbage. See page 4.  
New Chinese Cabbage. See page 4.

### Copenhagen Market

This most valuable early cabbage from Denmark produces a large globe-shaped head, which comes into market along with Early Jersey Wakefield. It is well known that Denmark is a great cabbage and cauliflower country, and our seed comes direct from the originator. Produces fine, large heads uniform in shape and size and very solid, with few loose leaves. Vigorous grower and an excellent keeper. Pkt., 10 cts.; ½ oz., 35 cts.; oz., 60 cts.; ¼ lb., \$1.75, postpaid.

**SELECT EARLY JERSEY WAKEFIELD.** The standard early variety, conical in shape; medium-sized heads; very solid. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., \$1.25, postpaid.

**GLORY OF ENKUIZEN.** Standard early variety of round-headed type; grown to good size. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., \$1.00, postpaid.

**CHARLESTON WAKEFIELD.** Not quite as early as the regular Jersey Wakefield, but the heads are considerably larger, very solid. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., \$1.25, postpaid.

### For Second-early and Main Crop

**ALL HEAD EARLY.** The leading second early sort, large, uniform, very solid, and plants are of compact growth. It may also be planted late for fall and winter use, as it is a good keeper for a 110-day variety. A good kraut cabbage. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., \$1.00, postpaid.

**ALL-SEASONS, SELECTED (Vandergaw).** A mid-season Drumhead with heads of the largest size and as its name implies can be planted either for early or late crop. A remarkably good keeper for so early maturing variety. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., \$1.00, postpaid.

**EARLY DRUMHEAD.** Produces a good, large, round head following Charleston Wakefield. A variety that stands summer heat well. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., \$1.00, postpaid.

**EARLY SUMMER.** A reliable second early, which matures about ten days after All Head Early. It makes a medium size, solid, flat head, with short outer leaves, which admit of close planting in the field, and is a good keeper. One of the best we offer. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., \$1.00, postpaid.

**SUCCESSION.** A second early round, somewhat flat-headed sort, of very fine texture and quality. Comes in a few days after Early Summer and is larger. Equally useful for both home and market garden. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., \$1.00, postpaid.

### Savoy Cabbage

**PERFECTION DRUMHEAD SAVOY.** The largest solid-heading Savoy. The plants are strong and vigorous. In flavor, Savoy cabbage is quite unique, preferred by many connoisseurs to any other cabbage, and we highly recommend it. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., \$1.25, postpaid.

### Red Cabbage

**LARGE RED DRUMHEAD.** A large-heading variety, largely used for "slaw" and pickling. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., \$1.25, postpaid.

**MAMMOTH ROCK RED.** A sure-heading sort, round and solid. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., \$1.25, postpaid.

### Late Winter Sorts

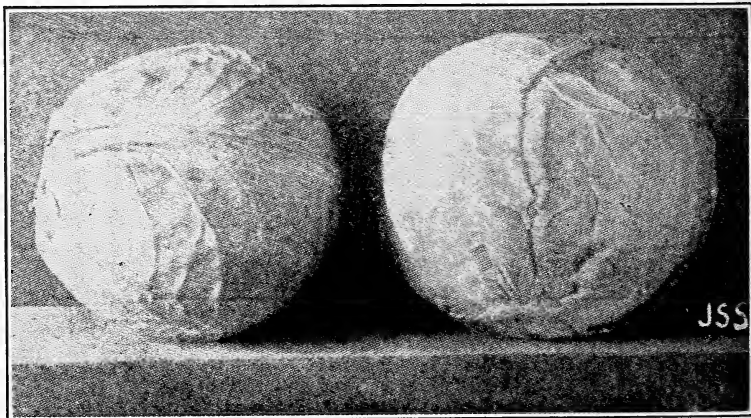
**BUGNER'S LATE WINTER.** A much better keeper than the Ballheads, more solid and freer from cabbage diseases. Deep bluish-green in color. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., \$1.25, postpaid.

**AUTUMN KING, or WORLD BEATER.** Latest of all. Heads large size, solid, of fair quality and keep well. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 30 cts.; ¼ lb., \$1.00, postpaid.

**DANISH BALL HEAD, SHORT STEM.** The leading late variety in many sections, and a fine sauerkraut cabbage. Heads average ten to twelve pounds, are round, fine keepers. The strong growth and its good quality make it a most valuable cabbage. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., \$1.25, postpaid.

**DANISH ROUNDHEAD.** Another good sauerkraut variety, slightly earlier than Ball Head, with a shorter stalk, and very hard. The interior leaves are pure white and of sweet flavor. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., \$1.25, postpaid.

**SELECTED LATE FLAT DUTCH.** The heads are flat and grow remarkably large, even and very solid, and the quality is unsurpassed. Makes a slow growth, but is a sure heading sort. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., \$1.25, postpaid.



Danish Ball Head Short Stem Cabbage





## Carrots

Sow in early spring in drills 15 to 18 inches apart, finally thinning the plants to 3 to 4 inches apart. If sown early on moist soil, a half-inch is deep enough to cover the seed. The seed is slow to germinate. Keep clean by frequent hoeing and weeding. If neglected, the young plants are easily smothered, and the crop lost.

One ounce sows 100 feet of drill; 4 pounds sow one acre.

**JOHNSON'S MELTING ORANGE.** See page 5.

**JOHNSON'S NEW CORELESS.** See page 5.

**IMPROVED CHANTENAY.** A popular and profitable sort to raise for market. It is about 6 inches long, thick through, and decidedly stump-rooted. In size it is between the Oxheart and Danvers. The flesh is a deep orange red, fine-grained and of excellent flavor. It is very early and always produces smooth, shapely roots. Its fine appearance finds for it a ready market. Biggest seller, and one of the best for home gardens. Our strain of seed is unsurpassed. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.50, postpaid.

**OXHEART.** Intermediate in length and diameter; quality extra good. Comes early. Some sorts require digging but the Oxheart can be easily pulled. Adapted to shallow soils where the longer sorts would not thrive as well. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 40 cts.; lb., \$1.40, postpaid.

**NANTES HALF-LONG (Stump-rooted).** Early. Sweet and fine flavored; almost without a core; very fine grained; excellent for the home garden. One of the finest in quality and handsomest of the medium-sized sorts; about 6 inches long. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., \$1.40, postpaid.

**IMPROVED RUBICON.** This beautiful half-long stump-root Carrot is about the same length as the well-known Danvers, but is cylindrical, and is rich dark orange in color; very sweet and mild. Remarkably clean-skinned; grows evenly and is easily pulled. Grows best in a soft, deep and mellow soil which has been well manured. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.50, postpaid.

**HUTCHINSON.** A variety that was developed by selection from the Danvers Half-Long. It has slightly darker orange skin, grows an inch or two longer, but differs from the Danvers in that it carries its fullness well down to the end, making it decidedly stump-rooted. A heavy yielder and attractive in appearance. We do not find it superior to Danvers. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.65, postpaid.

**IMPROVED LONG ORANGE.** Very handsome and uniform in shape; roots are of deep orange color, good flavor; yields very heavily. Requires a deep soil. Too long to be popular. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., \$1.15, postpaid.

**EARLY SCARLET HORN.** For forcing and early garden use; flesh deep orange, fine grained; agreeable flavor; small top, stump-rooted; about 3 inches long. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts., postpaid.

**IMPROVED DANVERS (Half Long).** (See illustration.) The best for general crop. Will yield the most per acre. Profitable for market gardeners. It is grown largely on account of its productiveness and adaptability to all classes of soils. Tops medium size, roots deep orange, large, but of medium length, tapering uniformly to a blunt point. Smooth and handsome; sweet, crisp and tender. Although of medium length, it is one of the largest yielders, one of the leading table sorts, and also used a great deal for stock feeding. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.50, postpaid.

**IMPROVED SHORT WHITE.** For stock feeding. Very large, half-long roots; 7 to 9 inches long; nearly white. It is the heaviest cropper known. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., \$1.25, postpaid.

**LARGE WHITE BELGIAN.** For stock feeding. A heavy cropping sort, growing about 12 to 16 inches in length; white below the ground, green above. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., \$1.00, postpaid.

**SPECIAL PRICES ON CARROT SEED IN LARGER QUANTITIES.**



Improved Danvers

## Chicory

Sow the seed in June in open ground, in rows 12 to 14 inches apart, keeping free from weeds; water is necessary. Take up the roots in November and cut off top to about 2½ inches from the neck and shorten lower end to a uniform length of 8 to 10 inches. Prepare a trench 16 to 18 inches deep and place roots upright, 1½ inches apart. Fill in level with good, light soil and by covering with 1½ feet of manure any portion may be forced as needed. In four to five weeks the heads will be ready for use. The blanched head is the edible portion and is generally eaten raw as a salad.

**WITLOOF (French Endive).** A delicious winter salad, eaten usually with French dressing, like lettuce. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.50, postpaid.

**SELECTED FORCING.** Pkt., 15 cts.; ½ oz., 25 cts.; oz., 40 cts.

## Corn Salad or Fetticus

A vegetable used as a salad. Sow at the first opening of spring for summer use in rows 1 foot apart, and it is fit for use in six to eight weeks.

**LARGE-LEAVED.** Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., \$1.75, postpaid.

## Cress or Pepper Grass

**EXTRA-CURLED PEPPER GRASS.** A well-known, pungent salad; can be used alone or with lettuce. Requires to be sown thickly, at frequent intervals, covering very lightly, to keep up a succession, as it soon runs to seed. May be cut two or three times. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 30 cts.; lb., \$1.00, postpaid.

**TRUE WATER.** Well-known hardy perennial aquatic plant. Is easily grown along margins of ponds and streams where it increases both by spreading of roots and seeding. Has a pleasant, pungent flavor. Pkt., 10 cts.; ½ oz., 35 cts.; oz., 60 cts.

**UPLAND.** This is a hardy perennial; stays green nearly the whole year; ready for use in the spring before any other salad. Eaten like lettuce or boiled like spinach. Sow in April in rows 1 foot apart. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 65 cts.

## Collards

A plant of the cabbage family. It is well adapted to the South, enduring extreme heat; excellent for greens.

**TRUE SOUTHERN or GEORGIA.** Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts., postpaid.

**ALL VEGETABLE SEEDS** in quantities offered in this Catalog are **DELIVERED TRANSPORTATION PAID** anywhere in the United States, we reserving the privilege of shipping either by **PARCEL POST, EXPRESS** or **FREIGHT**.



# Johnson's Seeds that Produce

## CAULIFLOWER

(Cavolo fiore—Kalafiori)

One ounce will produce 1000 plants

Cauliflower succeeds well in any soil where cabbage will grow. It delights in a rich soil and abundance of water. By sowing the early varieties in a hotbed in February or March, fine heads can be obtained in May or June. For a later supply, sow seed in a prepared bed in May, choosing a cool, moist place. When large enough, transplant, making the rows about 2½ feet apart and 18 inches between the plants. Transplanting should be done in moist weather.

**JOHNSON'S EARLIEST "SNOWSTORM."** See page 5.

**JOHNSON'S GILT EDGE SNOWBALL.** It is very early, of large uniform size, and as well adapted for late planting as for early. The heads are pure white and grow very solid and compact. We recommend this as the very best variety for outdoor culture on account of its earliness, vigorous growth, handsome appearance and high quality. Pkt., 25 cts.; ¼ oz., 75 cts.; ½ oz., \$1.40; oz., \$2.25; ¼ lb., \$8.50, postpaid.

**EARLY DWARF ERFURT.** This is a very reliable and popular variety when our select seed is used. We handle only the best seed grown. Heads very white, compact and close. Pkt., 25 cts.; ¼ oz., 75 cts.; ½ oz., \$1.25; oz., \$2.25, postpaid.

**DANISH GIANT OR DRY WEATHER.** Quite early and will succeed when other sorts fail. Pkt., 25 cts.; ¼ oz., \$1.00; ½ oz., \$1.75; oz., \$3.00; ¼ lb., \$9.50, postpaid.

**EARLY FAVORITE.** This is a second early, exceedingly hardy, easily grown sort. It is perhaps the best sort for the inexperienced grower, as it will head under conditions in which many sorts would fail. The large heads are crisp, tender and of fine quality. Pkt., 15 cts.; ¼ oz., 65 cts.; ½ oz., \$1.00; oz., \$1.50; 2 ozs., \$2.50; ¼ lb., \$4.50, postpaid.



Gilt Edge Snowball Cauliflower

## CELERY

One ounce of seed will produce 3,000 plants; ¼ pound will plant an acre.

### Columbia

An early-maturing sort. The plant is of medium height, but very stocky and heavy. The stalks are thick, almost round, of rich yellow tint and fine quality. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., \$1.75; lb., \$6.00, postpaid.

### Giant Pascal

Forms solid, crisp stalks of rich, nutty flavor. It is of strong growth, blanches easily to a rich creamy white, and is very brittle. A fine keeper for midwinter use, retaining color and fresh appearance a long time. A favorite for local markets and private use. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., \$1.30, lb., \$4.50, postpaid.

**EXTRA SELECT GIANT PASCAL.** French grown. Pkt., 25 cts.; ¼ oz., 75 cts.; ½ oz., \$1.45; oz., \$2.75, postpaid.

### Emperor

A distinct variety of true dwarf type and, therefore, easier to blanch. The plants average about 15 inches in height. Stalks smooth, very thick, white, heart tinged with yellow and very crisp with decidedly nutty flavor. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 45 cts.; ¼ lb., \$1.50; lb., \$5.00, postpaid.

### Golden Self-blanching

Of French origin. Heavy, compact plants that grow to good size. It is very tender, solid, crisp, heart large, of excellent quality and beautiful golden color.

**AMERICAN-GROWN SEED.** A splendid strain. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., \$1.40; lb., \$5.00, postpaid.

**FRENCH-GROWN SEED.** From one of the most careful growers. Old strain. Late. Pkt., 15 cts.; ¼ oz., 35 cts.; ½ oz., 60 cts.; oz., \$1.10; ¼ lb., \$3.75, postpaid. New strain. Early. Pkt., 15 cts.; ¼ oz., 35 cts.; ½ oz., 65 cts.; oz., \$1.15; ¼ lb., \$4.00, postpaid.

### Easy-blanching

A remarkably easy variety to blanch, and being adapted to early use as well as storing for winter makes it especially suitable for the home garden. Stalks white, thick, brittle and of excellent flavor. A strong, healthy grower. Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., \$1.15; lb., \$4.00, postpaid.

### Wonderful

Similar in some respects to Golden Plume, but does not keep as well, hence should be used or marketed early. It is being used in large quantities in many of the celery sections. It grows rapidly to a good height, has a very attractive golden yellow color, and the quality is fine. Not as subject to blight as some other varieties. Our stock was grown for us by the originator. Pkt., 25 cts.; ¼ oz., 65 cts.; ½ oz., \$1.25; oz., \$2.25; ¼ lb., \$8.00, postpaid.

### Golden Plume

(See also page 7.) This is a selected strain of Golden Self-blanching, having a beautiful golden color and that rich, nutty flavor so much desired by lovers of fine Celery. It resists blight and rust to a remarkable degree, matures quite early, and keeps a long time. The Golden Plume is a mighty good shipping sort. It grows to large size and of fine proportions. A very attractive sort, hence an easy one to sell. Pkt., 25 cts.; ¼ oz., 60 cts.; ½ oz., \$1.00; oz., \$1.75; ¼ lb., \$6.50, postpaid.

### Celeriac

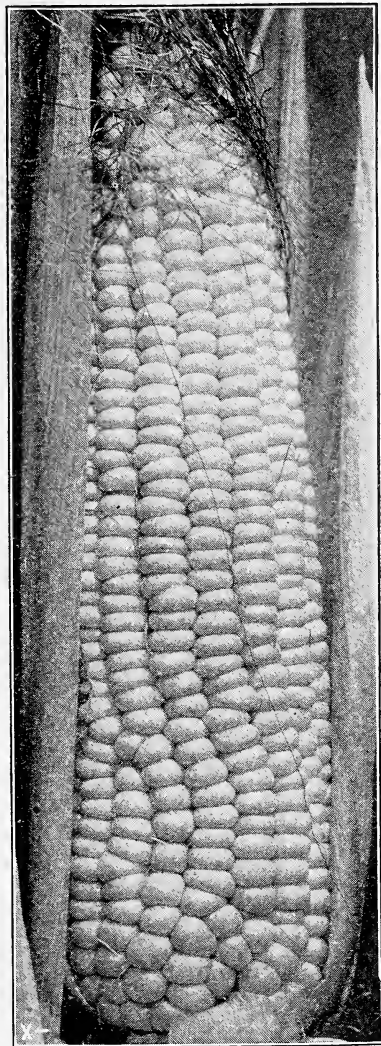
(Turnip-rooted Celery)

Sow seed the same as for Celery. Transplant into rows 2 feet apart and 9 inches in the row. Thorough cultivation is necessary to secure good roots. The roots may be cooked or used as salad. **GIANT SMOOTH PRAGUE.** Pkt., 10 cts.; ½ oz., 20 cts., postpaid.

You will confer a favor if you will write us fully about the results obtained from our Seeds.



## Corn, Sweet or Sugar



Columbus Market

### Yellow or Golden Sweet Corns

**BARDEN'S WONDER BANTAM.** Of the same type, season and quality as Golden Bantam, but having a longer ear. The stalks grow from 5 to 6 feet high and have ears 8 to 10 inches long, filled with 8 rows of rich golden kernels. Originator's stock. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 65 cts.; 10 lbs., \$3.00, postpaid.

**JOHNSON'S NEW GOLDEN STANDARD.** See also page 6. This new sort is very similar to De Lue's Golden Giant and we recommend it very highly. See full description and cut on page 6. Makes a fine succession for Golden Bantam. Pkt., 15 cts.; ½ lb., 30 cts.; lb., 50 cts.; 2 lbs., 85 cts.; 10 lbs., \$4.00, postpaid.

**GOLDEN BANTAM.** Produces ears measuring about 5 inches, but the smallness of ears is fully made up by the deliciously sweet flavor and tender quality of the corn when cooked. By all odds the finest extra early variety when quality is considered. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.; 10 lbs., \$3.00, postpaid.

**BANTAM EVERGREEN.** A golden Evergreen. Has the good qualities of Golden Bantam combined with those of the Evergreen. Comes just right in season to follow the early sorts. Color a rich golden yellow. Ears about 8 inches long and 2 inches thick. Pkt., 10 cts.; ½ lb., 30 cts.; lb., 50 cts.; 2 lbs., 85 cts.; 10 lbs., \$4.00, postpaid.

### Pop Corn

**MONARCH WHITE RICE.** This is the best Pop Corn for home or market. Select ears. Lb., 30 cts.; 3 lbs., 75 cts.; 10 lbs., \$2.25, postpaid.

One pound will plant about 200 hills; 12 pounds will plant an acre. The Sweet or Sugar varieties, being liable to rot in cold or wet ground, should not be planted before May, or until the ground has become warm; for a succession continue every two weeks until the middle of July in hills 3 feet apart each way, covering about half an inch, and thin out to 3 plants to a hill.

**EARLY DIGHTON.** See page 6.

**WHIPPLE'S LARGE EARLY.** See page 6.

**JOHNSON'S NEW VERIFIRST.** See page 6.

**JOHNSON'S GOLDEN WEDDING.** See page 6.

**EARLIEST MAYFLOWER.** This is a ten to twelve-rowed corn, larger than Mammoth White Cory and from three to five days earlier. Three seasons' trials of this splendid sort have convinced us that it is the coming extra early corn. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 65 cts.; 10 lbs., \$2.75, postpaid.

**HOWLING MOB.** A large-eared early sweet corn, ready for use about five days later than Mammoth White Cory, generally producing two good ears to a stalk averaging 7 to 9 inches long with 12 to 14 rows of pearly white grains. The stalks grow 4 to 5 feet high. An excellent home or market sort. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 65 cts.; 10 lbs., \$2.75, postpaid.

**MAMMOTH WHITE CORY.** Considered one of the best early sweet corns. It produces stalks about four feet high, each generally bearing two large, finely shaped ears which become fit for use in about 52 days. They are 12-rowed, 6 to 7 inches long. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 65 cts.; 10 lbs., \$2.75, postpaid.

**KENDEL'S EARLY GIANT.** Large, handsome ears of fine quality; very early. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 65 cts.; 10 lbs., \$2.75, postpaid.

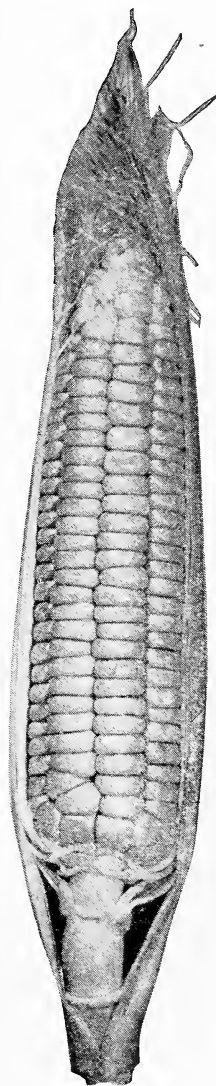
**BLACK MEXICAN.** When in table condition the grains are pure white and quality delicious. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 65 cts.; 10 lbs., \$2.75, postpaid.

**EARLY EVERGREEN.** Ripens about ten days earlier than Stowell's Evergreen. Ears large and uniform. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 35 cts.; 2 lbs., 60 cts.; 10 lbs., \$2.50, postpaid.

**STOWELL'S EVERGREEN.** The most popular variety grown, ears large and very sweet. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 35 cts.; 2 lbs., 60 cts.; 10 lbs., \$2.50, postpaid.

**COUNTRY GENTLEMAN.** The finest of all sweet corns for the table, and when once used no other sort is quite good enough. Ears average eight to nine inches in length; cobs small and grain very deep. Pkt., 10 cts.; ½ lb., 25 cts.; lb., 40 cts.; 2 lbs., 65 cts.; 10 lbs., \$2.75, postpaid.

**COLUMBUS MARKET.** The ears, often 10 inches long, carry an average of 16 rows of fine, large, deep, white and very sweet grains, which are second to none in tenderness and flavor. The stalk is very strong, sturdy and of only medium height; the leaves broad and dark green in color, a habit of growth which gives it great endurance during a dry time. Especially adapted for mid-season market; also very desirable for the home garden. Pkt., 10 cts.; ½ lb., 20 cts.; lb., 35 cts.; 2 lbs., 60 cts.; 10 lbs., \$2.75, postpaid.



Golden Bantam Corn

ASK FOR SPECIAL PRICES ON LARGER QUANTITIES



# Johnson's Seeds that Produce

## Cucumbers

One ounce will plant 50 hills; 2 pounds will plant an acre in hills; 5 pounds in drills.

### Popular Sorts

**JOHNSON'S FIRST IN MARKET.** See page 7.

**JOHNSON'S SELECTED DAVIS PERFECT.** We have spent many years in working up a very fine strain of Davis Perfect in which fine length, slimness, beautiful dark green color are distinguishing features of this most popular of the extra long white spine cucumber. For indoor and outdoor planting it is most popular. Its extremely vigorous growth makes it the best blight resister of the long sorts. Pkt., 10 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 60 cts.; lb., \$1.50, postpaid.

**JOHNSON'S PERFECT WHITE SPINE.** The finest type of White Spine yet produced. Early, very productive and disease-resistant; fruits nine inches long, slightly tapering; flesh white, very firm and crisp, with very few seeds; color rich, dark green, which does not fade when shipped a long distance. See cut at left. Pkt., 10 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 50 cts.; lb., \$1.50, postpaid.

**BOSTON PICKLING OR GREEN PROFILE.** Fruit short, smooth, symmetrical and bright green; very productive, making a good pickle; a little shorter and thicker than most pickling sorts. Pkt., 10 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 45 cts.; lb., \$1.50, postpaid.

**CHICAGO PICKLING (Westerfield).** A most excellent pickling sort; very uniform, productive and good color. Our strain is much superior to stocks generally sold under this name. Pkt., 10 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 45 cts.; lb., \$1.50, postpaid.

**EXTRA LONG OR EVERGREEN WHITE SPINE.** This vigorous and productive table variety produces cylindrical dark green fruits 9 to 11 inches long, with very white crisp, tender flesh. Adapted for forcing. Pkt., 10 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 50 cts.; lb., \$1.50, postpaid.

**LONG GREEN IMPROVED.** A standard late, well known table sort; 12 to 14 inches long, slender, more or less warted, tapering towards the stem end; color dark green, flesh white and firm. We have a superior stock of this variety. Pkt., 10 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 60 cts.; lb., \$1.75, postpaid.

**KLONDIKE.** A medium early, very good strain of White Spine; fruits attractive, full uniform, rather thick, short and blocky, tapering abruptly at both ends; color very dark green, which it holds well; only fairly productive. Pkt., 10 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 45 cts.; lb., \$1.50, postpaid.

**ARLINGTON WHITE SPINE.** One of the earliest and most productive, true to type and uniform of the White Spine family; fruit about 7 inches long, rounded at ends and of a bright deep green color. Pkt., 10 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 45 cts.; lb., \$1.50, postpaid.

**EARLY FORTUNE.** A very fine strain of White Spine. It is early and very productive, excellent for market and pickles. The fruit is 8 to 9 inches long, slightly tapering and of deep green color. It holds its color well when shipped. Pkt., 10 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 45 cts.; lb., \$1.50, postpaid.

**SMALL GHERKIN or BURR.** A small oval, prickly variety which is used for pickles only. Pkt., 10 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 50 cts.; lb., \$1.50; 10 lbs., \$13.00, postpaid.

### Dill

Sow early in the spring, thinly in rows about  $1\frac{1}{2}$  feet apart for hand cultivation or  $2\frac{1}{2}$  feet apart if to be cultivated with horse. Cover seed about  $\frac{1}{2}$  inch. Dill is used in large quantities for flavoring cucumber pickles and vinegar.

**COMMON.** Pkt., 10 cts.; oz., 15 cts.;  $\frac{1}{4}$  lb., 35 cts.; lb., \$1.00, postpaid.

**MAMMOTH.** Similar to above except larger plant and seedheads. Pkt., 10 cts.; oz., 15 cts.;  $\frac{1}{4}$  lb., 40 cts.; lb., \$1.25, postpaid.

Special prices to market gardeners if wanted in larger quantities.



Johnson's Perfect White Spine Cucumber



Johnson's Selected Davis Perfect Cucumbers



# Johnson's Seeds that Produce

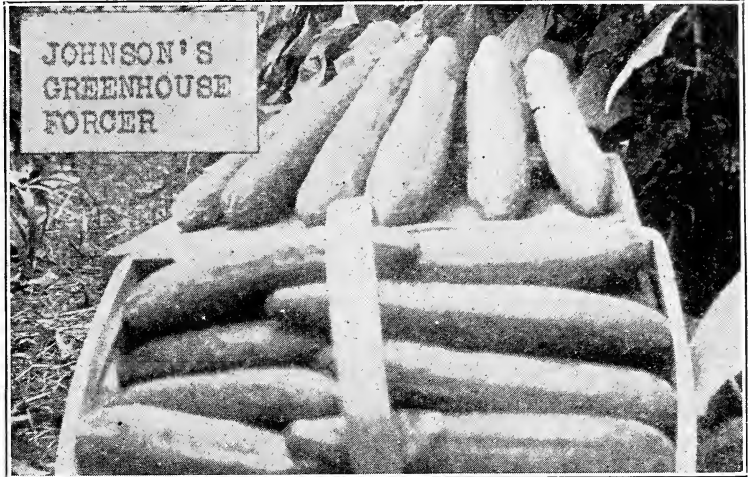


## CUCUMBERS—Cont.

### Johnson's Greenhouse Forcer

Introduced by Johnson in 1920.

A wonderfully choice strain which has been selected and developed for many years especially for greenhouse forcing on a large scale. The fruits are remarkably uniform in shape and size, averaging about 14 inches in length. The color is a beautiful deep green, which is held for several days, almost spineless, and is admirably adapted for packing in flats and baskets for the highest class of trade. Our seed is strictly greenhouse grown by the originator. Pkt., 20 cts.; ½ oz., 50 cts.; oz., 85 cts.; ¼ lb., \$2.50; ½ lb., \$4.00; lb., \$7.00, postpaid.



Johnson's Greenhouse Forcer

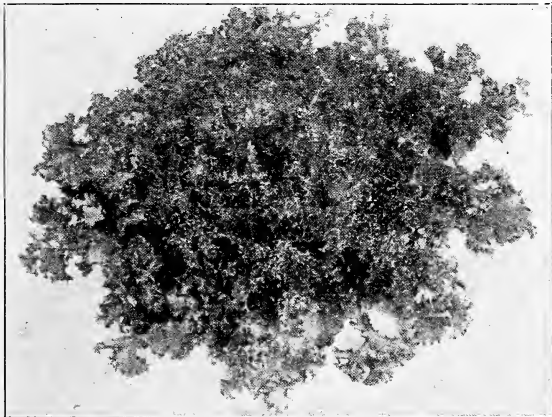
**VICKERY'S FORCING.** This is undoubtedly one of the finest cucumbers for the greenhouse. It is of the White Spine type, about 9 inches long and is a much deeper green. Vickery's Forcing is surprisingly productive and will net a much larger return than other sorts because it will cut so many more baskets of cukes. These facts are causing greatly increased demands for seed each season. Pkt., 15 cts.; oz., 45 cts.; ¼ lb., \$1.50; lb., \$5.50, postpaid.

## Chervil

One ounce will sow about 100 feet of drill.

**Culture.** Sow in drills one foot apart in early spring or fall, covering seed about one-half inch. Thin out plants to 4 inches in row; leaves ready in 6 to 8 weeks. Curled variety used like parsley. Can also be sown in August or September; thin out to six inches in row, and rows fifteen inches apart.

**LARGE CURLED.** Largely used in soups and salads. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 75 cts., postpaid.



Large Green Curled Endive

## English Forcing Cucumbers

**COVENT GARDEN FAVORITE, ROCKFORD'S MARKET, LOCKIE'S PERFECTION.** In packets of 10 seeds each, 20 cts.; \$1.75 per 100 seeds.

**DUKE OF EDINBURGH, SION HOUSE IMPROVED, TELEGRAPH (Rollison's).** In packets of 10 seeds each, 15 cts.; \$1.40 per 100 seeds.

## Dandelion

A hardy perennial. Sow in early spring in drills half an inch deep, and thin to 2 or 4 inches in the row.

**IMPROVED THICK LEAF.** Pkt., 10 cts.; ½ oz., 60 cts.; oz., \$1.00; ¼ lb., \$3.00.

**COMMON.** Yields an abundant supply of large succulent leaves. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., \$1.50.

## Endive

One ounce will sow 150 feet of row; 3 pounds will sow an acre.

One of our best salad plants, especially valuable for winter use. For a first crop, sow about the middle of April; for succession, small sowings may be made every month until August, when the main planting is made. Set out the plants one foot apart.

**GREEN CURLED, WINTER.** A hardy, vigorous growing endive with bright deep green leaves. The dense mass of deeply divided leaves formed in the center blanches very readily to a rich cream color. This sort is highly esteemed for the home garden, and is much used for salads. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 65 cts.

**EVERWHITE CURLED.** Blanches rapidly and is very tender. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 65 cts.; lb., \$1.90, postpaid.

**BROAD LEAVED BATAVIAN.** (Escarolle.) Leaves long and broad, thick and succulent. One of the choicest salads. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 65 cts.; lb., \$1.90, postpaid.

## Eggplant

One ounce will produce about 1,000 plants; ¼ pound will sow an acre.

For best results, Eggplants require rich soil, moisture and warm weather. Sow in gentle heat from middle of March to middle of April. Transplant from June 1st to June 15th, setting the plants about 3 feet apart each way.

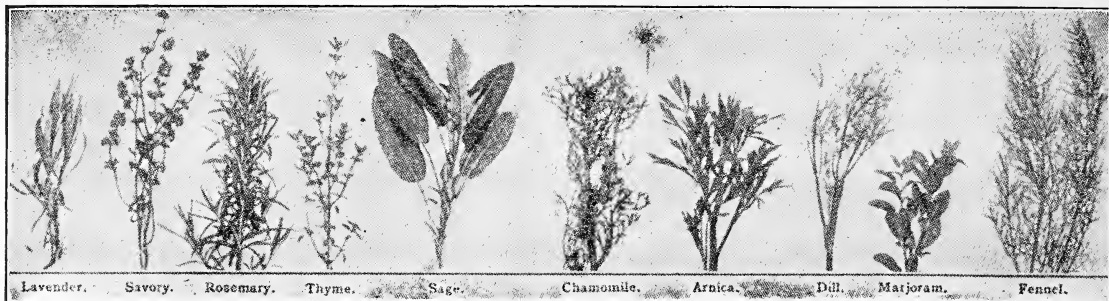
**JOHNSON'S LONG PURPLE TOKYO.** This is the finest sort for home use. Extra early, surprisingly prolific, quality splendid. Size about 7 inches long and 2 inches in diameter. Pkt., 10 cts.; ½ oz., 50 cts.; oz., 75 cts.; ¼ lb., \$2.75, postpaid.

**EARLY BLACK BEAUTY.** From ten days to two weeks earlier than the purple varieties, and of rich lustrous purplish black color. It is a distinct sort and a favorite where known. The plants are remarkably healthy in their growth and yield an abundance of large fruits. The fruit is very attractive in appearance. This variety is entirely spineless. Quality the very best. Pkt., 10 cts.; ½ oz., 45 cts.; oz., 75 cts.; ¼ lb., \$2.00, postpaid.

**IMPROVED NEW YORK PURPLE.** Very solid, of rich shining deep purple color. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 55 cts.; ¼ lb., \$1.50, postpaid.



# Johnson's Seeds that Produce



## Sweet, Pot and Medicinal Herbs

**ANISE.** (Aromatic.) Used medicinally. Pkt., 10 cts.; oz., 25 cts.  
**ARNICA.** (P.) Used medicinally. Pkt., 15 cts.; oz., \$1.00.  
**BALM.** (P.) Leaves used medicinally. Pkt., 10 cts.; oz., 35 cts.  
**BASIL.** (A.) Used for flavoring. Pkt., 10 cts.; oz., 35 cts.  
**CAMOMILE.** (A.) Emetic, vermifuge. Pkt., 15 cts.; oz., \$1.00.  
**CARAWAY.** (A.) Seeds used in confectionery. Pkt., 10 cts.; oz., 30 cts.  
**CATNIP.** (P.) Used medicinally. Pkt., 10 cts.; oz., 50 cts.  
**CORIANDER.** (A.) Used in confectionery. Pkt., 10 cts.; oz., 20 cts.  
**DILL.** (A.) Flavoring pickles. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.  
**FENNEL.** (P.) Used for flavoring fish. Pkt., 10 cts.; oz., 25 cts.  
**FENNEL, FLORENCE.** (A.) Used for salads. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.25.

**HOREHOUND.** (P.) Used medicinally. Pkt., 10 cts.; oz., 40 cts.  
**LAVERENDER.** (P.) Valuable for its perfume. Pkt., 10 cts.; oz., 85 cts.  
**MARJORAM, SWEET.** (P.) For flavoring. Pkt., 10 cts.; oz., 60 cts.  
**ROSEMARY.** (P.) Valuable as a hair wash. Pkt., 10 cts.; oz., 75 cts.  
**SAGE.** (P.) Used for flavoring. Pkt., 10 cts.; oz., 75 cts.  
**SUMMER SAVORY.** (A.) For flavoring. Pkt., 10 cts.; oz., 45 cts.; ¼ lb., \$1.75.  
**SORREL.** (P.) Salads and greens. Pkt., 10 cts.; oz., 30 cts.  
**THYME.** (P.) Used for seasoning. Pkt., 10 cts.; oz., 75 cts.  
**WORMWOOD.** Pkt., 10 cts.; ½ oz., 35 cts.; oz., 60 cts.

## Garlic Sets

Garlic Sets or Bulbs are planted in early spring in rows one foot apart, placing the sets 4 inches apart in the rows, 2 inches deep, or in the same manner as multiplier onions. Garlic is used for flavoring purposes. Bulbs, oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts., postpaid.

## Horseradish Roots

**MALINER-KREN.** This new variety from Bohemia is larger, earlier and whiter than the common kind. We highly recommend it. Doz., 35 cts.; 50, 85 cts.; 100, \$1.50, postpaid.

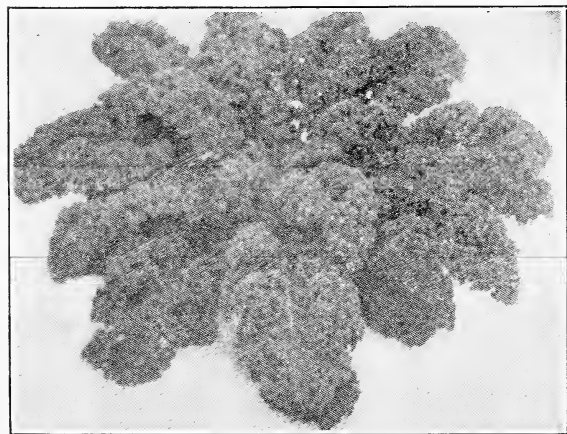
## Kale, or Borecole

Kale, or "German Greens," does not form heads, but furnishes an abundance of pretty curled leaves that are highly prized as food. Sow from the middle of April to the beginning of May; transplant and cultivate like cabbage. Will endure considerable frost without injury.

One ounce of seed sows 200 feet of drill; 4 pounds sow an acre.

**DWARF GREEN CURLED "GERMAN GREENS,"** or "SPROUTS." Is very dwarf and spreading. The leaves are beautifully curled and of a bright green color. Hardy. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$1.70, postpaid.

**SIBERIAN.** Dwarf growth; bluish green leaves. Sow in September, in rows a foot apart, and cultivate the same as spinach; very hardy and makes an excellent spring greens. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.50, postpaid.



Dwarf Green Curled Kale

## Kohlrabi (Turnip-Rooted Cabbage)

The turnip-shaped bulb formed above the ground is the edible part. The flavor seems to combine that of cabbage and turnip. When young and tender they are fine for table use, when matured they keep splendidly and are excellent for feeding stock.

One ounce of seed sows 300 feet of row.

**EARLY WHITE SHORT-LEAVED.** An extremely early sort, with very small tops, thus allowing close planting; flesh white. Fine for forcing. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 70 cts.; lb., \$2.25, postpaid.

**EARLY WHITE VIENNA.** Greenish white outside, with clear, white flesh within. Fine in quality. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 60 cts.; lb., \$2.00, postpaid.

**EARLY PURPLE VIENNA.** Same as above, except in the outside color. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 85 cts., postpaid.

## Leeks

Cultivate the same as onions.

**BROAD SCOTCH, or AMERICAN FLAG.** A hardy kind; large, strong plants with broad leaves. Pkt., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.50, postpaid.

**LARGE MUSSELBURGH** (Carentan, or Scotch Champion). Favorite market sort of enormous size; large, broad leaves; flavor is very mild. Pkt., 10 cts.; ½ oz., 15 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.25, postpaid.

## Mustard

Sow thickly during early spring, in shallow drills 12 inches apart. For fall use, sow in September.

**SOUTHERN GIANT CURLED.** The large leaves, which often measure 14 inches, are ready for use in about six weeks after sowing. Continues to yield until frost. Leaves are eaten boiled like spinach. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.25, postpaid.

**FORDHOOK FANCY.** Plants are of vigorous growth, and have beautiful dark green leaves which curve outward like a fine ostrich plume. It stands well, even during the hot summer months. It is even superior to the best spinach in flavor. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$1.50, postpaid.

## Mushroom Spawn

Have Fresh Mushrooms on Your Table Every Day

**PURE CULTURE.** (In bricks.) The finest quality. This is vastly more dependable than the old style of English Mill-track Spawn and costs but little more. Bricks, 35 cts. each; 10 bricks, \$3.00. Postage, 10 cts. for one brick and 3 cts. each for more than one. Ask for prices for large lots. Free leaflet on Mushroom Culture on request.



## Lettuce

**Culture.** For early spring use, sow in a seedbed in September or October, and protect through the winter in coldframes, or in the South with leaves or litter, or sow in a hotbed in early spring. Lettuce plants may also be started very successfully in the house in boxes which are about 5 inches deep. Make soil very fine and firm. Mark off into rows 2 inches apart and  $\frac{1}{4}$  inch deep, into which sow the seed quite thinly; cover with blotting or brown paper fitted into the top of the box. First saturate the paper with water and keep moist until the seed germinates, then remove. Expose the young plants gradually to the light. As soon as the ground outside is dry and warm, so that it can be well worked, set out the plants 8 inches apart in the rows. For outside sow very thinly in rows  $1\frac{1}{2}$  feet apart, covering seed  $\frac{1}{4}$  inch deep with fine soil, and when well up thin to 1 foot apart in the rows. In order to have crisp, tender Lettuce, it should be grown as rapidly as possible, therefore the soil should be made very rich by liberal manuring.

One ounce of seed sows 100 square feet; plants 120 feet of row; produces 3,000 plants.

### Crisp-as-Ice

A most beautiful, attractive Lettuce of the cabbage type. The heads are solid, of immense size when well grown, and so exceedingly crisp, tender and brittle as to fully warrant the name "Crisp-as-Ice." The glossy leaves are thick, nicely crimped and curled; the outside leaves are beautifully variegated with dark brown bronze and green. The heads when cut open have a rich, creamy yellow heart. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 15 cts.; oz., 25 cts.;  $\frac{1}{4}$  lb., 75 cts.; lb., \$2.50, postpaid.

### Wonderful

Sometimes called "New York" or "Los Angeles." This very large heading lettuce is desirable not only for summer use but is much used as a fall market sort. The plant is compact and tight heading; outer leaves attractive deep green, broad, frilled at edges. The inner leaves form a large head; very sweet and tender. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 20 cts.; oz., 35 cts.;  $\frac{1}{4}$  lb., 90 cts.; lb., \$3.00, postpaid.

### Iceberg

Beautiful large curly leaves of light green, with a slight red tinge at the edges. Heads solid, crisp, tender and of fine flavor. Do not confuse with Wonderful; they are entirely different. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 15 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 65 cts.; lb., \$2.00, postpaid.



Johnson's Special Grand Rapids

### Selected Grand Rapids

Johnson's Special Forcing Strain. Especially adapted for greenhouse culture in winter; also a good Lettuce to sow outside early in the spring. Our stock of this variety is extra fine and is greenhouse as well as outdoor tested for purity. Grand Rapids does not form a head, but makes large, compact bunches of light, attractively curled and fringed leaves. It grows very rapidly and keeps in good market condition for a long time after cutting. The seed should be sown more shallow than other sorts, otherwise it may not germinate. Pkt., 10 cts.; oz., 25 cts.;  $\frac{1}{4}$  lb., 65 cts.; lb., \$2.00, postpaid.

### All-Heart

This excellent variety of Lettuce is in favor with both private and market gardeners. It is a very reliable, hard-heading variety of cabbage lettuce and will give satisfaction wherever grown. It rarely fails to make a large, solid head. Withstands heat and forms large heads, leaves closely set, with solid heart, even before it is fully grown. Color yellowish green; flavor rich and buttery. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 15 cts.; oz., 25 cts.;  $\frac{1}{4}$  lb., 65 cts.; lb., \$2.00, postpaid.

### Selected Unrivalled

A selection from Big Boston. Heads are large, solid and of a light green color, shading to creamy white at the center of the head. The quality is fine, having a rich buttery flavor. Very similar in appearance to Big Boston, but does not have the red tinge at the outer edge of the leaf. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 15 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 65 cts.; lb., \$2.00, postpaid.

### Arlington Fancy Curled

A beautiful variety of the curly-leaf type. It resembles the best stocks of the Grand Rapids, but it is more beautifully curled. It is very true to type, of excellent quality and for garnishing nothing in the Lettuce line excels it. It has a slight tendency to head and averages more weight to the plant. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 15 cts.; oz., 25 cts.;  $\frac{1}{4}$  lb., 75 cts.; lb., \$2.50, postpaid.

### Ohio Grand Rapids

Large greenhouse growers are making liberal plantings. It is a dark-leaved Grand Rapids and a quick grower. Especially adapted to midwinter crops in greenhouse. Not advised for home gardens. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 15 cts.; oz., 25 cts.;  $\frac{1}{4}$  lb., 70 cts.; lb., \$2.25, postpaid.

### Black-seeded Simpson

Very popular among market gardeners and fine for the home table. Forms a large, loose head of nearly white curly leaves that are large, thin, very tender and of good quality. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 15 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 65 cts.; lb., \$2.00, postpaid.

### Burpee's Wayahead

A new and very desirable early heading sort for outdoor culture in the home garden. Pkt., 10 cts.; oz., 25 cts.;  $\frac{1}{4}$  lb., 70 cts.; lb., \$2.00, postpaid.

### Big Boston

Fine for forcing in cold frames or for early outdoors. Pkt., 10 cts.; oz., 20 cts.;  $\frac{1}{4}$  lb., 65 cts.; lb., \$2.00, postpaid.

### Improved Hanson

None more reliable for outdoor cultivation. Heads grow to large size and are very slow to run to seed. Outer leaves are bright green and beautifully frilled on the edges; inner leaves white and deliciously sweet, tender and crisp. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 15 cts.; oz., 25 cts.;  $\frac{1}{4}$  lb., 65 cts.; lb., \$2.00, postpaid.

### Trion Cos

(Romaine)

The long, narrow leaves, which form solid heads, blanch and become snowy white. Excels in quality and crispness. Can be eaten in the same manner as celery. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 15 cts.; oz., 25 cts.;  $\frac{1}{4}$  lb., 70 cts.; lb., \$2.25, postpaid.



# Johnson's Seeds that Produce



## Muskmelon

One ounce will plant 50 hills; 2 to 3 pounds will plant an acre.

After all danger of frost is over, and the ground has become warm and dry, plant in hills 4 to 6 feet apart each way, 6 to 12 seeds to a hill. When up, and all danger of insects has passed, pull out all but 3 plants. Cultivate until the vines cover the ground, and pinch the ends of the growing shoots to induce early fruiting.

**ROCKY FORD, or NETTED GEM.** This is a vigorous, medium-early variety. Fruits are oval, slightly ribbed, and covered with fine netting. The flesh is thick, green, and highly flavored. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.50, postpaid.

**BENDER'S SURPRISE.** See page 8.

**LAKE CHAMPLAIN.** See page 8.

**TIP-TOP.** This splendid melon has held its own for many years against all introductions in the melon line, and no yellow-fleshed melon of which we have any knowledge compares with it in good qualities. Fruit of large size and flesh bright salmon in color; slightly oblong, evenly ribbed, moderately netted; very productive. Originator's Strain, pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., \$1.55, postpaid.

**POLLOCK'S NO. 10-25.** This is an improvement in this type of melon and should take the place of Rocky Ford Pink Meat or Pollock's No. 25, Eden Gem, etc. Its merits are its uniformity of size of fruit, fine keeping and shipping qualities, and attractive appearance. Flesh salmon at the center, shading to light green at the rind; thick flesh and very sweet. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.50, postpaid.

**EXTRA-EARLY OSAGE.** A week to ten days earlier than the old type Osage, and nearly as large. Flesh very thick, salmon colored, and of high quality; form, color and general appearance similar to Osage. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., \$1.50, postpaid.

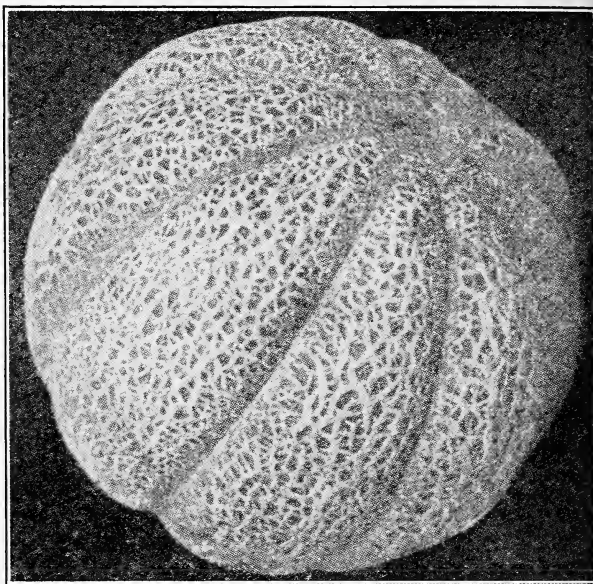
**EMERALD GEM.** Ripens early. Medium-sized, nearly round melon, with delicate light salmon flesh, very thick, fine-grained, and of superb flavor. The rind is thin, dark green, ribbed, slightly netted. One of the best for home use. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., \$1.40, postpaid.

**EXTRA-EARLY HACKENSACK.** Large, well-formed melons, heavily netted, and has light green flesh of most delicious flavor. Good for home gardens. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., \$1.45, postpaid.

**OHIO SUGAR.** Distinctly ribbed and well netted—color of skin gray-green. The firm flesh is an attractive green of exquisite texture, sugary, juicy, tender, and free from stringiness; seed cavity is small. Uniform shape. A market and home garden melon. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., \$1.50, postpaid.

**OSAGE.** Large, oval, slightly ribbed and netted; skin very dark green; flesh very thick and sweet, delicious to the rind. Crop very even and fruit extra heavy. A favorite main-crop variety for market purposes or home garden. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., \$1.50, postpaid.

**HEARTS OF GOLD.** Within late years this variety has become very popular in some of the melon-growing districts. It is an excellent shipping melon and will reach the market in first class condition. The fruits are very uniform, somewhat flattened, about 6 inches in diameter and 5 inches in depth. They weigh about 2 lbs. each. The flesh is a beautiful salmon shade. It is very thick, ripens close to the rind, and is of delicious flavor. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00, postpaid.



Early Lake Champlain Muskmelon

**BANANA.** Very odd; 18 to 21 inches long. Yellow flesh, blending from bright green to rich salmon, fragrant and of very fair quality. Early. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.75, postpaid.

**HONEY BALL.** As round as a ball. Thick, sweet green flesh and small seed cavity. A wonderful shipping melon. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 65 cts.; lb., \$2.00, postpaid.

**HONEY DEW.** Sweet as honey. Melons average 6 inches in diameter, and weigh five to six pounds. Skin smooth, little netting, creamy yellow when ripe; flesh very thick, melting, fine-grained. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 40 cts., postpaid.

## Forcing Muskmelons

**SUTTON'S WINDSOR CASTLE.** (English Forcing.) The best green fleshed variety for greenhouse. Pkt., 25 cts., postpaid.

**CARTER'S BLENHEIM ORANGE.** (English Forcing.) The best scarlet fleshed variety for the greenhouse. Pkt., 25 cts., postpaid.

## Watermelon

One ounce will plant about 20 hills; 3 to 4 pounds will plant an acre.

**IRISH GREY.** This new melon is already becoming popular. The vine is very vigorous and produces fruit until late summer. Flesh is beautiful red and free from stringiness. Well adapted for either market or home use. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.00, postpaid.

**HARRIS' EARLIEST.** The finest of all the early maturing melons of medium size and oblong shape. The vine is productive and a sure cropper, the melons maturing early. Adapted to the northern states. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.00, postpaid.

**ICE CREAM or PEEKLESS.** Exquisite quality; red flesh, medium size; early. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.00, postpaid.

**KLECKLEY SWEET.** A new melon. Very popular. Long, dark; exquisite quality. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., \$1.00, postpaid.

**COLE'S EARLY.** Large heart, flesh of fine texture and good flavor and a good variety for our northern states. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., \$1.00, postpaid.

**TOM WATSON.** A large oblong melon that has become a great favorite everywhere. The flesh is bright red of delicious flavor. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., \$1.00, postpaid.

**PRESERVING CITRON.** Red-seeded. Most desirable for preserves; flesh solid and white. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., 85 cts., postpaid.

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## Selected Onion Seed

Sow the seed as early in the spring as the ground can be worked, in drills fourteen inches apart, covering with soil about one-half inch. Begin cultivating as soon as the rows can be seen and keep the ground thoroughly clean, for once onions are choked by weeds they never produce as good or as full a crop. Above all, plant good onion seed.

One ounce will sow 100 feet of row; 5 pounds will sow an acre.

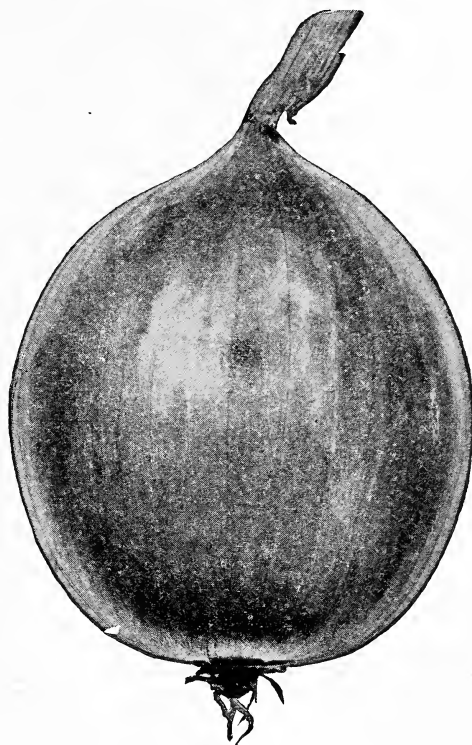
**JOHNSON'S SELECTED OHIO YELLOW GLOBE.** The strain is distinguished by a distinct attractive shape and a handsome bright, even yellow color—ripens early and all at once; neck very small, and cures down to almost nothing. The firm, solid bulbs are excellent winter keepers, and all that can be desired in size and quality. This is a superb onion for all classes of soil and especially good for all northern Ohio onion sections on account of quick maturing. Pkt., 10 cts.; oz., 30 cts.;  $\frac{1}{4}$  lb., 90 cts.; lb., \$2.75, postpaid.

**AILSA CRAIG.** It has a handsome appearance, being large—12 have been known to weigh 30 pounds—it has fine straw-colored skin; these qualities make it excellent for exhibition purposes, in which it is a successful competitor of large, imported Spanish onions. The shape is globular and it forms a fine thin neck for a large onion. A splendid keeper; for eating raw it has no superior; it is mildly pungent in flavor, sweet and desirable. Pkt., 15 cts.; oz., 30 cts.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.00, postpaid.

**YELLOW GLOBE DANVERS.** This produces well-ripened bulbs, averaging 2 inches in diameter and nearly globe-shaped. The skin is a light golden brown or pale yellow, and the flesh is pure white, crisp, and mild in flavor. An excellent variety. Pkt., 10 cts.; oz., 25 cts.;  $\frac{1}{4}$  lb., 75 cts.; lb., \$2.50, postpaid.

**SOUTHPORT YELLOW GLOBE (Special Connecticut-Grown).** Our Connecticut-grown strain matures evenly and produces true globe-shaped onions. The color of the skin is a bright golden yellow. The flesh is pure white, mild, solid and juicy. It is a splendid keeper. Pkt., 10 cts.; oz., 25 cts.;  $\frac{1}{4}$  lb., 75 cts.; lb., \$2.25, postpaid.

**SOUTHPORT WHITE GLOBE (Special Connecticut-Grown).** The large bulbs have a pure paper-white skin. The flesh is also pure white, sweet, juicy and of a most delightful mild flavor. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 20 cts.; oz., 30 cts.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.75, postpaid.



Johnson's Selected Ohio Yellow Globe Onion

**SOUTHPORT RED GLOBE (Special Connecticut-Grown).** In some sections the Southport Red Globe is a most favorite color of this popular type. They mature early and ripen with a thin neck. The skin is a bright and rich crimson. The flesh is white, slightly tinted with light rose near the skin. The flavor is mild and tasty. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 20 cts.; oz., 30 cts.;  $\frac{1}{4}$  lb., 80 cts.; lb., \$2.50, postpaid.

**MAMMOTH SILVER KING.** Large flat and thick bulbs. They measure 5 to 7 inches in diameter and weigh 2 to 3 pounds each. The skin is clear white and the flesh is snow-white, sweet and tender. Pkt., 10 cts.; oz., 30 cts.;  $\frac{1}{4}$  lb., 85 cts.; lb., \$2.50, postpaid.

**PRIZETAKER ONION.** Prizetaker is an onion that has proved to do well in all sections of the country under varied conditions of climate and soil. The bulbs grow to extra large size, weighing as much as 4 pounds each. They often measure over 4 inches in diameter. The thin skin is a beautiful golden brown and the flesh is pure white, solid, crisp, juicy and mild. Uniform in size, shape and color. Pkt., 10 cts.; oz., 35 cts.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.00, postpaid.

**WHITE PORTUGAL.** Very early, flat, white sort. Mild flavor. Largely used for growing sets. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 20 cts.; oz., 35 cts.;  $\frac{1}{4}$  lb., 80 cts.; lb., \$2.75, postpaid.

**EARLIEST WHITE QUEEN (Barletta).** Also known in the south as White Pearl. This is the best of all for small pickles and the earliest ripening onion in cultivation. The bulbs, of a pure paper-white, are generally very small, averaging only 1 $\frac{1}{2}$  inches in diameter. They are uniform in size and shape. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 20 cts.; oz., 30 cts.;  $\frac{1}{4}$  lb., 75 cts.; lb., \$2.50, postpaid.

**WHITE WELSH OR ENGLISH.** A distinct variety which does not form a bulb like other onions, but a small enlargement at the base of each shoot. Leaves are pinkish white and delicately flavored. Good for bunching. Pkt., 15 cts.;  $\frac{1}{2}$  oz., 35 cts.; oz., 60 cts.;  $\frac{1}{4}$  lb., \$2.25.

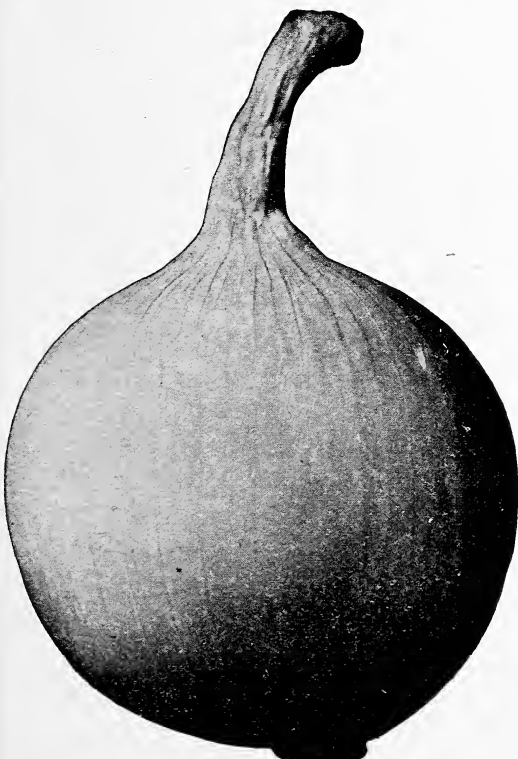
## Onion Sets

As soon as the ground can be worked in spring, set in rows 1 foot apart and three inches in the row. For succession continue planting every two weeks.

**WHITE BOTTOM SETS.** Mild. Very popular. Qt., 35 cts.

**YELLOW BOTTOM SETS.** Preferred by many on account of stronger flavor. Qt., 35 cts.

**EGYPTIAN WINTER SETS.** Plant in August and September for use late in fall and following spring. Very hardy. Qt., 25 cts.



Southport White Globe Onion



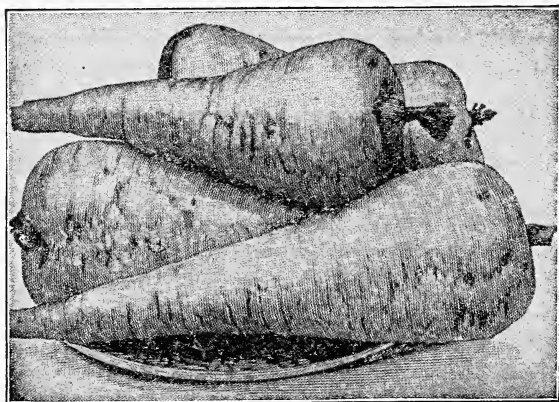
# Johnson's Seeds that Produce

## Parsnips

Parsnips are of the easiest culture and require a full season to come to maturity. Seed of the long varieties should be sown early in spring up to May 15. Early Short Round matures quicker and gives a full crop planted as late as June 1. The roots may be left outdoors all winter, or they may be stored in a cool, well-ventilated cellar, packed in boxes filled with slightly moist soil. Grow plenty of parsnips for winter storing. They are very nutritious. One ounce for 300 feet of row. Sown at the rate of 4 to 6 pounds per acre.

### Improved American Hollow Crown

This grows longer than the preceding variety, but does not have as broad a shoulder. The roots are long and tapering, requiring a deeply worked soil to develop to perfection. It is a widely known variety, 15 inches long and 3 inches in diameter at the shoulder. Pkt., 10 cts.; oz., 20 cts.; 4 ozs., 40 cts.; ½ lb., 60 cts.; lb., 95 cts.; 2 lbs., \$1.70; 5 lbs., \$4.00, postpaid.



Improved American Hollow Crown Parsnips

### Parsley

One ounce will sow 150 feet of row; 3 pounds will sow an acre.

**Culture.** Soak seed for several hours and sow in border or frame. Thin the rows or transplant to 8 inches each way.

**JOHNSON'S NEW BOUQUET.** (See cut page 8.) Pkt., 10 cts.; ½ oz., 20 cts.; oz., 35 cts.; ¼ lb., \$1.00, postpaid.

**CHAMPION MOSS CURLED.** A choice selected strain, with crimped and curled leaves. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., \$1.40, postpaid.

**HAMBURG TURNIP-ROOTED.** The root, which resembles a small parsnip, is the edible portion of this variety. Extensively grown and used for flavoring soups, etc. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.75, postpaid.

### Peanuts

**NEW MAMMOTH BUSH.** These nuts make compact bushes eighteen inches high, with heavy, erect stalks. They produce a large quantity of the mammoth nuts, adapted for culture in our northern climate, especially in light or sandy soils. Large pkt., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.; ½ pt., 20 cts.; pt., 35 cts.; qt., 60 cts.

**SWEET SPANISH.** The earliest variety grown. Pods are small, remarkably solid, well filled and of an extra fine quality. Yield per acre very large. Large pkt., 10 cts.; ¼ lb., 15 cts.; lb., 40 cts., postpaid.

### Guernsey

The roots are medium long, with a broad shoulder, gradually tapering downward. The white skin is smooth and attractive. It is considered the best and most productive of the long parsnips. The fine-grained, tender, sweet flesh makes it a desirable table variety. Pkt., 10 cts.; oz., 20 cts.; 4 ozs., 40 cts.; ½ lb., 60 cts.; lb., 95 cts.; 2 lbs., \$1.70; 5 lbs., \$4.00, postpaid.

### Early Short Round

This is the earliest of all parsnips. It will give a good yield when sown as late as June, and will make a succession crop to early maturing vegetables. The roots often measure 5 to 6 inches across and 3 to 4 inches deep. The pure white flesh is fine-grained and firm. It is sweet and tasty. Easily grown and easily harvested. Pkt., 10 cts.; oz., 20 cts.; 4 ozs., 45 cts.; ½ lb., 70 cts.; lb., \$1.20; 2 lbs., \$2.20; 5 lbs., \$5.30, postpaid.



Early Short Round

### Okra or Gumbo

Sow after the middle of May, or early in June, in rich soil in drills about an inch deep and 3 feet apart; thin out to 8 inches.

**WHITE VELVET.** Tender white pods, of smooth and velvety appearance. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., 75 cts., postpaid.

**PERKINS' MAMMOTH.** The long pods measuring 4 to 5 inches are produced in great quantities. The appearance is handsome, of green color and best quality. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., 75 cts., postpaid.

### Sorrel

One ounce will sow 100 feet of row.

Sow thinly early in spring, in rows 12 to 18 inches apart. Thin to 6 or 8 inches apart.

**LARGE FRENCH BROAD-LEAVED.** Has large, pale green leaves of mild, acid flavor; esteemed as a salad, also cooked as greens, etc. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.50, postpaid.

### Rhubarb or Pie Plant

One ounce of seed will produce 500 plants.

Requires a deeply cultivated and thoroughly manured soil. Sow the seed early in the spring, in rows 1 foot apart. The second year after planting, plants can be removed in autumn to the permanent place in the garden allotted to them. Plant the roots 2 feet apart each way.

**VICTORIA.** In general use for market and home garden. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 60 cts.; lb., \$1.75, postpaid.

**RHUBARB ROOTS.** Each, 25 cts.; doz., \$2.50.



## GARDEN PEAS

Two pounds will plant 100 feet of row; 120 pounds will plant an acre.

Peas mature earliest in a light, rich soil; for general crop, a rich deep loam is the best. When grown in gardens, sow in double rows six to eight inches apart, the rows two to four feet apart, the tall ones requiring brush. Commence sowing Alaska and First and Best as early as the ground can be worked in February or March, and continue with other sorts for a succession every two weeks until June. One quart for 8 rows 10 feet long. See page 9 for new varieties.

### Earliest Varieties

**NEW EIGHT WEEKS.** (See page 9.) Pkt., 15 cts.;  $\frac{1}{2}$  lb., 40 cts.; lb., 65 cts.; 2 lbs., \$1.10; 10 lbs., \$4.50, postpaid.

**NEW HUNDRED FOLD.** (See page 9.) Pkt., 15 cts.;  $\frac{1}{2}$  lb., 40 cts.; lb., 65 cts.; 2 lbs., \$1.10; 10 lbs., \$4.50, postpaid.

**JOHNSON'S PRIZEWINNER.** (See page 9.)

**EXTRA EARLY ALASKA.** The earliest of all smooth blue Peas. It grows about 30 inches tall and is very uniform in maturing the crop. The Peas are of good quality and retain that desirable green color after cooking. Pkt., 10 cts.;  $\frac{1}{2}$  lb., 20 cts.; lb., 35 cts.; 2 lbs., 60 cts.; 10 lbs., \$2.50, postpaid.

**GRADUS OR PROSPERITY.** An extra early wrinkled Pea, hardy, early and profitable. This remarkable Pea is one of the most widely known varieties in cultivation. The vine is about 24 inches in height on good soil. The pods are borne abundantly. As many as 8 to 10 peas of the largest size and most luscious quality are found in each pod. Pkt., 10 cts.;  $\frac{1}{2}$  lb., 30 cts.; lb., 50 cts.; 2 lbs., 80 cts.; 10 lbs., \$3.50, postpaid.

**AMERICAN WONDER.** Esteemed for earliness, productiveness and quality. It grows about 10 inches high, and produces pods about  $2\frac{1}{2}$  inches long, which are filled with the fine flavored Peas. Pkt., 10 cts.;  $\frac{1}{2}$  lb., 20 cts.; lb., 35 cts.; 10 lbs., \$3.00, postpaid.

**NOTT'S EXCELSIOR.** An improvement on American Wonder, being as early and pods much larger. Height, 14 inches. Pkt., 10 cts.;  $\frac{1}{2}$  lb., 20 cts.; lb., 35 cts.; 2 lbs., 65 cts.; 10 lbs., \$3.00, postpaid.

**BLUE BANTAM.** (New.) Similar to Laxtonian. Said to be an improvement on all the large-podded dwarf Peas. Grows 15 inches high with fine, dark foliage, pods and peas. Pods 4 inches long with 8 peas of fine quality. Pkt., 10 cts.;  $\frac{1}{2}$  lb., 25 cts.; lb., 45 cts.; 2 lbs., 80 cts.; 10 lbs., \$3.75, postpaid.

**PETER PAN.** Produces large, dark green pods filled with peas of fine quality. Has vigorous, large, dark foliage and stands about 15 to 18 inches in height. Pkt., 10 cts.;  $\frac{1}{2}$  lb., 30 cts.; lb., 50 cts.; 2 lbs., 85 cts.; 10 lbs., \$3.75, postpaid.

**LITTLE MARVEL.** This Pea has been rightly named. It is an early wrinkled sort, grows about 12 to 15 inches tall, and bears heavily. There is no earlier wrinkled Pea and the quality satisfies everybody. Adapted to home gardens. Pods dark green, 3 inches long, round with square ends, and often contain seven rich, dark green Peas. Pkt., 10 cts.;  $\frac{1}{2}$  lb., 25 cts.; lb., 45 cts.; 2 lbs., 75 cts.; 10 lbs., \$3.50, postpaid.

**LAXTONIAN.** This is a giant-podded, early dwarf Pea having large, dark green pods and Peas of finest quality. Is taking the place of Peter Pan and Pioneer. Pkt., 10 cts.;  $\frac{1}{2}$  lb., 30 cts.; lb., 50 cts.; 2 lbs., 85 cts.; 10 lbs., \$3.75, postpaid.

**SUTTON'S EXCELSIOR.** The finest early large podded dwarf wrinkled Pea.  $1\frac{1}{2}$  feet. Pkt., 10 cts.;  $\frac{1}{2}$  lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.; 10 lbs., \$3.25, postpaid.

**THOMAS LAXTON.** The vine grows about 3 feet high. Pods large, 4 inches long, with square ends, uniformly well filled. Yields more shelled Peas than Gradus. The green Peas are very large, fine colored and unsurpassed in quality. Pkt., 10 cts.;  $\frac{1}{2}$  lb., 25 cts.; lb., 45 cts.; 2 lbs., 75 cts.; 10 lbs., \$3.25, postpaid.

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### Second Early and Medium Varieties

**DWARF TELEPHONE.** Pods containing 8 to 9 large wrinkled peas equal to Telephone pods. Sometimes called Carter's Daisy. Pkt., 10 cts.;  $\frac{1}{2}$  lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.; 10 lbs., \$3.25, postpaid.

**ALDERMAN.** A remarkably strong growing main crop variety of the Telephone type, with enormous dark green pods, containing 8 to 10 large wrinkled Peas of immense size; very tender and luscious. 4 to 5 feet high. Pkt., 10 cts.;  $\frac{1}{2}$  lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.; 10 lbs., \$3.25, postpaid.

**TELEPHONE.** Immensely productive, finest quality. The pods are of large size, containing 6 to 7 Peas of pale green color, of delicious flavor.  $3\frac{1}{2}$  feet. Pkt., 10 cts.;  $\frac{1}{2}$  lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.; 10 lbs., \$3.25, postpaid.

### General and Late Crop Peas

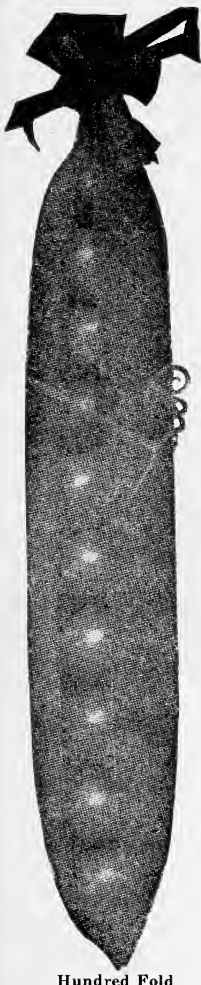
**JOHNSON'S NEW PRIZEWINNER.** (See page 9.) Pkt., 15 cts.;  $\frac{1}{2}$  lb., 35 cts.; lb., 60 cts.; 2 lbs., \$1.00; 10 lbs., \$3.50, postpaid.

**POTLATCH.** The vines require no brushing, the pods are immense in size and fullness, and packed with Peas that are sweet and rich flavored. Pkt., 10 cts.;  $\frac{1}{2}$  lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.; 10 lbs., \$3.25, postpaid.

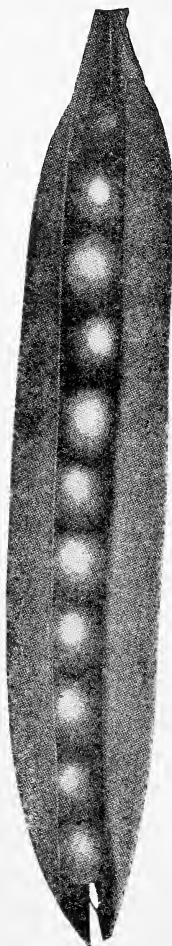
**IMPROVED STRATAGEM.** Pods of immense size, filled with very large, dark green Peas of the finest quality. Height, 18 inches. Pkt., 10 cts.;  $\frac{1}{2}$  lb., 25 cts.; lb., 40 cts.; 2 lbs., 75 cts.; 10 lbs., \$3.25, postpaid.

**CHAMPION OF ENGLAND.** A popular wrinkled variety of delicious flavor; profuse bearer. Peas are large and very tender. 5 feet. Pkt., 10 cts.;  $\frac{1}{2}$  lb., 25 cts.; lb., 40 cts.; 2 lbs., 70 cts.; 10 lbs., \$3.00, postpaid.

**MELTING SUGAR.** Edible podded. Pkt., 10 cts.;  $\frac{1}{2}$  lb., 30 cts.; lb., 50 cts.; 2 lbs., 85 cts.; 10 lbs., \$3.25, postpaid.



Hundred Fold



Laxtonian



Thomas Laxton



# Johnson's Seeds that Produce

## Pepper

In the latitude of Cleveland, sow the seed in hotbeds in early March. Thin out or transplant the seedlings when they are 2 inches high, giving them plenty of room to develop sturdy plants. When the weather is settled and the soil warm, transfer them to the open ground, setting them about 2 feet apart in rows 3 feet apart. A rich, mellow, well-drained soil is best. The fruits are used in both the green and ripe stages for making all sorts of pickles. The large-fruited varieties are desirable for stuffing. An ounce of seed will produce about 1,000 plants.

**JOHNSON'S EARLIEST MANGO.** The flavor is very mild, so that the peppers may be eaten like an apple. In an average season Johnson's Earliest will produce five times as many peppers as any other sweet kind, and they mature much earlier. Pkt., 10 cts.;  $\frac{1}{4}$  oz., 35 cts.;  $\frac{1}{2}$  oz., 60 cts.; oz., \$1.00;  $\frac{1}{4}$  lb., \$2.50.

**HARRIS EARLY GIANT.** Earliest of all large-fruited sorts. A large, sweet pepper, producing good crops even in the northern states. The plants are of vigorous growth and covered with enormous peppers about 4 inches high and 3 inches through. The peppers are deep green, turning to brilliant red, with thick flesh, of sweet, pleasant flavor. Fruits begin setting when the plants are quite small. A very valuable pepper for the home garden and profitable for market. Pkt., 15 cts.;  $\frac{1}{2}$  oz., 35 cts.; oz., 65 cts.,  $\frac{1}{4}$  lb., \$2.25, postpaid.

**OHIO CRIMSON.** The sweetest and biggest Mango pepper. Robust, stocky and a sure cropper. The fruit is extra large and heavy, owing to thick flesh. It is very mild. Splendid for making mangoes. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 35 cts.; oz., 55 cts.;  $\frac{1}{4}$  lb., \$1.70, lb., \$6.00, postpaid.

**OSHKOSH.** (New.) Intense glossy green when growing, and many are used and sold at this time. Bright canary-yellow when ripe. Large, smooth, only slightly ribbed, heart-shaped fruits. Semi-dwarf, very productive. Pkt., 15 cts.;  $\frac{1}{4}$  oz., 25 cts.;  $\frac{1}{2}$  oz., 45 cts.; oz., 85 cts.

**CALIFORNIA WONDER.** (New.) A very striking new sort of large size and having wonderfully thick flesh—often  $\frac{1}{4}$  to  $\frac{3}{8}$  inch thick—which is deliciously crisp, tender and sweet, like the finest pimientos. In color it is a brilliant dark green, changing to crimson when ripe, and is of uniform shape and smoothness. Pkt., 15 cts.;  $\frac{1}{4}$  oz., 20 cts.;  $\frac{1}{2}$  oz., 65 cts.; oz., \$1.00;  $\frac{1}{4}$  lb., \$3.50, postpaid.

**CHINESE GIANT.** It is of mammoth size, splendid shape, 4 to 5 inches broad and of equal height, beautiful, rich, glossy, bright red flesh and mild flavor. Its strong, bushy plants are productive of large fruits. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 40 cts.; oz., 60 cts.;  $\frac{1}{4}$  lb., \$1.75; lb., \$6.00, postpaid.

**MAMMOTH RUBY KING.** Its splendid size and handsome appearance make this pepper sell most readily. The plants are vigorous, very bushy, growing about 2 feet in height, well branched, thickly set with large fruits, some 5 to 6 inches long by about 3 inches thick. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 30 cts.; oz., 50 cts.;  $\frac{1}{4}$  lb., \$1.75; lb., \$5.25, postpaid.

**RUBY GIANT.** A variety somewhat similar to Ruby King, but the fruits are larger and a little broader at the blossom end. The flesh is very thick, firm and mild. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 30 cts.; oz., 50 cts.;  $\frac{1}{4}$  lb., \$1.75; lb., \$5.50, postpaid.

**LARGE BELL or BULLNOSE** (Sweet Mountain). An early variety and of mild flavor. It is of medium size with skin fairly thick and fleshy. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 25 cts.; oz., 45 cts.;  $\frac{1}{4}$  lb., \$1.60; lb., \$4.75, postpaid.

**WORLD BEATER.** The shape is like Ruby King and the size almost equal to Chinese Giant but not so broad. A vigorous grower, sure cropper, and very prolific. The fruit is a beautiful scarlet, exceedingly mild; flesh thick and firm, making this variety an excellent shipper. Rapidly growing in favor, especially in the South. Our stock of seed is from the originator. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 30 cts.; oz., 50 cts.;  $\frac{1}{4}$  lb., \$1.50; lb., \$5.50, postpaid.

**IMPROVED THICK LONG RED.** A great improvement on the ordinary Long Red Cayenne, with handsome bright red pods of about the same length, but much thicker. The flesh is thick and very hot. Exceedingly prolific. Produced early in the season while prices are high. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 25 cts.; oz., 45 cts.;  $\frac{1}{4}$  lb., \$1.30; lb., \$4.50, postpaid.



World Beater

**SWEET SALAD or PIMIENTO** ("Perfection"). Fine for the home garden, both green and ripe. It is smooth and uniform, heart-shaped, beautiful scarlet when ripe. The meat is thick, very sweet and delicious. Very productive. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 35 cts.; oz., 65 cts.;  $\frac{1}{4}$  lb., \$1.75, postpaid.

**TOMATO-SHAPED** (Pimiento). This thick-meated sort has mild-flavored brilliant red flesh. Comes early and is productive. Smaller than Sunnybrook. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 30 cts.; oz., 50 cts.;  $\frac{1}{4}$  lb., \$1.50, postpaid.

**SMALL CAYENNE** (Red Chili). Pods  $1\frac{1}{2}$  inches long; very hot. Used for making pepper sauce. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 30 cts.; oz., 50 cts.;  $\frac{1}{4}$  lb., \$1.25, postpaid.

**LONG RED CAYENNE.** Three to 4 inches long, quite narrow and hot. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 30 cts.; oz., 50 cts.;  $\frac{1}{4}$  lb., \$1.25, postpaid.

**SUNNYBROOK.** The Sunnybrook is larger and an improvement on the older type of the tomato-shaped pimiento. It comes into bearing early, is very productive, has very thick, sweet flesh, and is brilliantly red. The best of this type. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 30 cts.; oz., 50 cts.;  $\frac{1}{4}$  lb., \$1.50; lb., \$4.50, postpaid.

## Yellow Peppers

**JOHNSON'S LONG YELLOW HUNGARIAN.** Introduced by us in 1923. Averaging 2 inches thick at the shoulder and tapering to about 5 inches in length. Color a golden yellow. Used extensively among Hungarian and Bohemian gardeners. Rather hot. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 40 cts.; oz., 75 cts.;  $\frac{1}{4}$  lb., 2.25.

**SUNBURST.** The best large-fruited yellow pepper. Fruits resemble Ruby King in size and shape, but are bright yellow when ripe, thick-fleshed and mild. Pkt., 10 cts.;  $\frac{1}{2}$  oz., 45 cts.; oz., 80 cts.;  $\frac{1}{4}$  lb., \$2.75, postpaid.

**GOLDEN QUEEN.** A large, sweet pepper which ripens bright yellow instead of red. Fruits like Bull Nose; thick-fleshed and very sweet. Pkt., 10 cts.; oz., 55 cts.;  $\frac{1}{4}$  lb., \$1.60; lb., \$6.00, postpaid.

# Johnson's Seeds that Produce



## PUMPKIN

One ounce will plant about 25 hills; 4 pounds will plant an acre.

Grown principally for stock-feeding, yet some are so sweet, juicy, and fine-grained that they will always be considered indispensable for pies and sauces. Culture like Melons, but the soil need not be so rich and the hills should be planted farther apart.

**SMALL SWEET (Sugar).** This is the small, sweet Pumpkin that has made the New England States famous for their pumpkin pies. The flesh is very fine-grained, most deliciously sweet flavored, and a splendid keeper. It averages about 10 inches in diameter and is of deep orange yellow color. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., \$1.00, postpaid.

**GENUINE MAMMOTH (True Potiron; King of the Mammoths).** Of immense size (often 2 feet in diameter and sometimes weighs 150 pounds); with depressed ends and slightly ribbed salmon color skin; flesh bright yellow. Great exhibition sort. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., \$1.25, postpaid.

**LARGE SWEET (Kentucky Field).** A large, round, flattened Pumpkin that is hardy and productive. It grows 1 to 2 feet in diameter and has thick orange flesh of extra fine quality. A splendid sort for canning, family and market use; also used extensively for stock feeding. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.25, postpaid.

**WINTER LUXURY.** The fruits are of medium size, nearly round, with very thick meat; flesh is light yellow; skin golden yellow with gray netting. Excellent for pies. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 40 cts.; lb., \$1.25, postpaid.

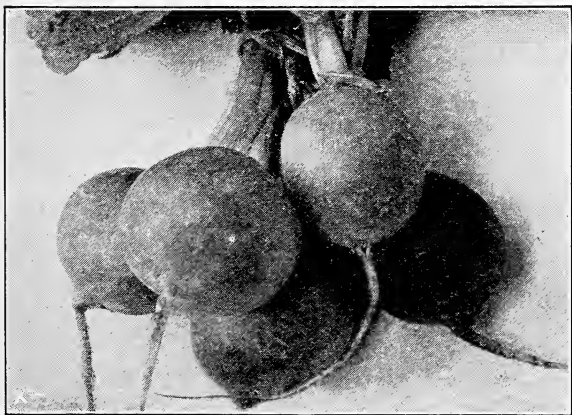
Special prices on larger quantities of Pumpkin seed.

## RADISHES

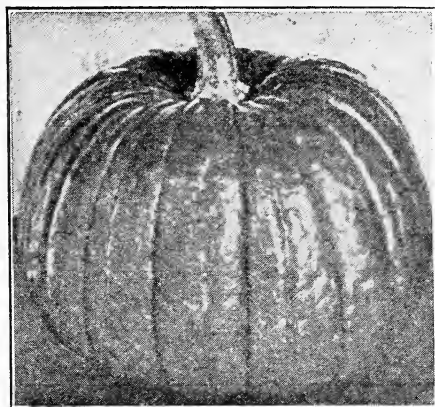
One ounce will sow 100 feet of row; 8 pounds will sow an acre in drills; 12 pounds broadcast.

To be crisp and tender, Radishes must grow quickly; whenever growth is checked by drought or cold weather, they become tough and pithy. Rich, light, sandy soil suits them best. For the forcing crop, sow seeds in hotbeds in rows 5 to 6 inches apart and thin the plants as the ground becomes warm. Seed of winter varieties should be sown in midsummer. Summer varieties are best adapted for general crop.

**JOHNSON'S EXTRA SELECT SCARLET GLOBE.** (See cut.) This new radish has a remarkable ability to bear the heat necessary for rapid growth without becoming pithy or losing flavor. As shown in the illustration, it is of surpassing beauty as regards shape and color. The flesh is crisp, tender, juicy and mild. The color is a rich scarlet. It has a small top and the roots are surprisingly uniform in shape and size. We offer only the most carefully grown seed. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 35 cts.; lb., \$1.25, postpaid.



Johnson's Extra Select Scarlet Globe



Small Sweet or Sugar Pumpkin

**COMMON YELLOW FIELD (Yankee Cow; Conn. Field).** The common variety cultivated by farmers for stock feeding, and is used to some extent for canning. Very productive. Same color as Small Sugar but not as sweet. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., 95 cts., postpaid.

## DU PONT SEMESAN

Semesan is the most effective all-purpose seed and plant disinfectant on the market. The use of this remarkable mercuric compound, either in dust or liquid form, not only provides disease control, but accelerates seed germination, invigorates seedling growth, insures sturdier stands and produces larger, more beautiful flowers, foliage and vegetable crops.

Semesan will control such disease organisms as "damping-off" of seedlings, stem rot of carnations and root rot of violets, which are borne in the greenhouse, coldframe and seed bed soils. When choice tubers or bulbs have been cut accidentally or in separation, Semesan will protect them from storage molds or rots. It is being increasingly used for the disinfection of cuttings, graftings, tools and general equipment used in agricultural operations. Descriptive booklets upon request. Prices: 2 ozs., 60 cts.; 1 lb., \$2.75; 5 lbs., \$13.00, postage extra.

**JOHNSON'S HOME TABLE.** A nearly globe-shaped Radish, very large, and remaining in good condition a remarkably long time for such an early variety. Skin is fine crimson and flesh pure white of excellent quality. It matures very quickly and is tender and crisp. A fine sort for open ground and for successive sowing. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 55 cts.; lb., \$1.75, postpaid.

**JOHNSON'S NEW SAXA.** (See cut page 9.) The earliest of the forcing Radishes, and one of the slowest to shoot to seed. Round, bright scarlet and with the smallest possible top. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 35 cts.; lb., \$1.25, postpaid.

**WHITE TIP SPARKLER.** A splendid variety of the Scarlet Turnip White-Tipped type, but showing more white, practically the whole lower part being white, while the upper half is a bright scarlet; good quality. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., \$1.25, postpaid.

**JOHNSON'S LONG WHITE ICICLE.** A beautiful waxy white, long-rooted Radish, gradually tapering down from the shoulder which is about ⅝ inch in diameter. The roots are usually 5 or 6 inches long and have small tops. This is the earliest of the long-rooted early summer white sorts, desirable for outdoor planting and for forcing. Flesh is crisp and tender. Pkt., 10 cts.; oz., 20 cts.; ¼ oz., 35 cts.; lb., \$1.00, postpaid.

**CININNATI MARKET.** The finest long Red Radish in cultivation either for house or for market. Skin scarlet colored, very thin, the flesh crisp, brittle and of delightful flavor. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 35 cts.; lb., \$1.00, postpaid.





# Johnson's Seeds that Produce

## RADISH—Continued

**BRIGHT RED FORCING.** An excellent extra-early forcing variety forming radishes which are uniform, small, nearly round and of bright scarlet color. Tops are very small. Flesh white, crisp and finely flavored. Matures in 10 days. Our strain of this perfect radish is clean and fine, and is in very large demand. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., \$1.25, postpaid.

**PHILADELPHIA WHITE BOX.** A very fine early radish, round, slightly flattened and of a beautiful white color. It has a medium top, matures early and is grown extensively both under sash and outdoors. Our stock is excellent. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., \$1.25, postpaid.

**FRENCH BREAKFAST.** A favorite sort, mild and crisp. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., \$1.25, postpaid.

**WHITE TIPPED SCARLET TURNIP.** For early planting in frames or outdoors. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., \$1.25, postpaid.

**ROSY GEM.** An extra early strain of White Tip Scarlet Turnip, adapted to forcing. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., \$1.25, postpaid.

**WHITE STUTTGART.** Shape like a turnip; skin and flesh both white, excellent summer variety. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., \$1.25, postpaid.

**LONG WHITE VIENNA or LADY FINGER.** Pure white in color, of long, tapering shape. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., \$1.25, postpaid.

## Spinach

One ounce will sow 100 feet of row; 15 pounds will sow an acre in rows, 25 pounds if broadcast.

**JOHNSON'S NORBEK.** This new variety is the top notch of the spinach family, being a decided improvement on all other kinds. The leaves are broad, heavy and of a dark green, glossy color, much more heavily blistered than Long Season; it will also stand at least a week or ten days longer without shooting to seed, which is an important factor. The plant is not of the rosette type, but stands more erect, and requires a less number of plants to fill a basket than any other variety. A trial will convince you that this is the most profitable variety to grow. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., \$1.00, postpaid.

**VICTORIA.** Very heavy, broad deep green crumpled leaves; stands long in prime condition, rendering it especially valuable for spring sowing. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 65 cts.; 5 lbs., \$3.00, postpaid.

**THICK LEAF (Viroflay).** The favorite variety for early spring or fall crop. Quick grower and an immense yielder. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 65 cts.; 5 lbs., \$3.00, postpaid.

**LONG SEASON.** A variety quite similar to Victoria, but more wrinkled. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 65 cts.; 5 lbs., \$3.00, postpaid.

**EVERLASTING, or NEW ZEALAND.** Distinct; endures heat; best for summer. Thrives during the hot weather in any soil, rich or poor. The tender shoots are of good quality and may be cut throughout the summer. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.25, postpaid.

**KING OF DENMARK.** This splendid new sort from Denmark is undoubtedly the most valuable introduction of spinach in recent years. Remains in condition from one to two weeks after other varieties have gone to seed. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., 75 cts.; 5 lbs., \$3.00, postpaid.



Johnson's Norbek Spinach

**IMPROVED CHARTIER.** The color at the top is crimson, running into pink about the middle, and from thence downward is pure white. Splendid for summer use. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., \$1.25, postpaid.

**CALIFORNIA MAMMOTH WHITE WINTER.** A white-fleshed radish of excellent quality. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., \$1.25, postpaid.

## Four Best Winter Radishes

**WHITE CHINESE (New Celestial).** A large, stump-rooted winter radish with white skin and flesh. Can be sown from July 1 to August 15, and will keep in prime condition a long time; mild in flavor; brittle and never woody. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., \$1.25, postpaid.

**CHINESE ROSE WINTER.** A very handsome and distinct bright rose variety, crisp and tender; cylindrical in shape, very smooth. Very desirable sort. Keeps splendidly through autumn and winter. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., \$1.00, postpaid.

**LONG BLACK SPANISH WINTER.** Grows 5 to 8 inches long and is 1 to 1¼ inches through at top. Skin black; flesh white and firm. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., \$1.00, postpaid.

**ROUND BLACK SPANISH WINTER.** Similar to Long Black Spanish, except in shape. Fine for winter. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., \$1.25, postpaid.

**JULIANA.** Undoubtedly the best second-early variety. It is of the same type as Victoria, and very slow to run to seed. Dark green crumpled leaves, rounded and thick, and short leaf-stems. Very popular. Our seed is from the originator. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 75 cts.; 5 lbs., \$3.25, postpaid.

**LONG-STANDING BLOOMSDALE SAVOY.** A new strain of merit. It is just as early as the old-type Bloomsdale, but stands in marketable condition ten to fourteen days longer. Intensely crumpled, blistered, uniform, deep glossy green leaves. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 80 cts., postpaid.

**BLOOMSDALE SAVOY LEAVED (Norfolk Savoy).** Very early and hardy, and one of the best for market. Plant of upright growth; leaves of medium size, more or less crumpled and blistered; color glossy deep green. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 65 cts.; 5 lbs., \$3.00, postpaid.

**EARLY GIANT THICK LEAVED.** One of the largest sized varieties, sometimes measuring 2 feet across. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 65 cts.; 5 lbs., \$3.00, postpaid.

## Salsify or Oyster Plant

**MAMMOTH SANDWICH ISLAND.** Roots large, long, smooth, tender and well flavored, resembling fair-sized parsnips. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 65 cts.; lb., \$2.00, postpaid.



## SQUASH

Plant after weather has become fully settled and the ground is warm in hills 5 to 6 feet apart for bush varieties and 6 to 8 feet apart for running varieties. Slightly elevate the hills and plant seven or eight seeds in each, thinning out to three plants. Press the seeds down firmly before covering, and cover early kinds 1 inch deep and late kinds 1½ inches.

One ounce of bush varieties for 45 hills; 2 to 3 pounds for an acre. One ounce of the winter kinds for 20 hills; 4 to 5 pounds for an acre.

**ACORN, DES MOINES OR TABLE QUEEN.** This new variety averages about 7 inches long by about 4 to 5 inches wide; shape is oblong and slightly pointed at the blossom end. The color is a dark green, except when it becomes over-ripe, when it changes to buff; flesh is orange color. The quality is equal to that of the Hubbard. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., \$1.25, postpaid.

**BOSTON MARROW.** Oval form; thin skin. Color of skin and flesh a rich orange; of good size, excellent flavor and keeps well. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., \$1.25, postpaid.

**BLUE HUBBARD.** (New.) A large variety having a hard blue-gray shell. It is a long-keeping sort and of finest quality. Try this one. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., \$1.75, postpaid.

**GOLDEN OR RED HUBBARD.** Color of skin bright, rich orange red; showy and attractive; shell hard and warty; flesh deep golden yellow, fine-grained and of splendid flavor; cooks dry. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., \$1.25, postpaid.

**HUBBARD.** The standard winter Squash. It is of good size, often weighing 9 to 15 pounds. Color bluish green. Flesh fine-grained, sweet and of excellent flavor. Rich orange yellow. Has a very hard shell and will keep until spring. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., \$1.50, postpaid.

**CHICAGO WARTED HUBBARD.** Large size; dark green color, distinguished by a dense covering of knots (warts), of splendid quality; thick yellow flesh. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., \$1.50, postpaid.

**COCOZELLE.** A summer variety of bush habit; fruits oblong, 12 to 16 inches in length and 5 inches in diameter, furrowed with five ribs; color dark green, marbled with yellow and dark green stripes, quality fine. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., \$1.40, postpaid.

We wish you would write us frankly about the results you have with our seeds.

## VEGETABLE MARROWS

**LONG CREAM.** A vine variety. Oblong shape, with smooth creamy white skin. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00.  
**ENGLISH MARROW.** A bush variety. Fruits shorter than Long Cream. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.75.  
**LONG GREEN.** Long and rather slim, with striped green skin; a vine variety. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00.

## NORTHERN-GROWN SEED POTATOES

Our Potatoes are all choicest northern grown stock, grown especially for seed purposes. At the date this catalog goes to press, prices are unsettled, and as there is every possibility that we will be able to quote better prices later than we could now, we name no prices herein. Intending purchasers will please send us a list of their requirements and we will quote lowest possible prices as soon as the market is settled. A bushel of Seed Potatoes weighs 60 pounds; a standard sack contains 165 pounds, or 2¾ bushels. Ten to 12 bushels will plant an acre.

We send out no Potatoes in spring before danger of frost is past.

**BOVEE.** A fine extra early Potato. Very productive; vines dwarf and stocky; tubers long and blunt-ended, growing very close together in the hills; skin creamy white tinged with pink.

**CARMAN NO. 3.** A very popular and reliable late Potato. Large, oblong, slightly flattened.

**DIBBLE'S RUSSET.** A large variety noted for its vigor, productiveness and freedom from disease. Large, round tubers with white skin, netted golden russet; finest quality.

**EARLY OHIO.** Extra early; tubers rough in the skin; nearly round and quite distinct; cooks dry and mealy. Leads in quality.

**EARLY ROSE, IMPROVED.** An improvement on Early Rose;

larger in size, fully as early and a heavy yielder. Long, large tubers, smooth with thin blush or rosy skin and solid white flesh.

**GREEN MOUNTAIN, IMPROVED.** The leading main crop Potato. A productive and dependable variety; tubers oblong and somewhat flattened; eyes shallow. A few days earlier than the original Green Mountain and a trifle whiter in color.

**IRISH COBBLER.** Unquestionably one of the best white skinned extra early sorts. Tubers always uniform, round and of good quality. A good yielder under widely varying conditions, but is not recommended for heavy clay soils.

**SIR WALTER RALEIGH.** Large, smooth, oblong, white tubers. A heavy yielding main crop Potato.

WRITE FOR PRICES



# Johnson's Seeds that Produce

## Tomato

One ounce will produce about 2,000 plants

**Culture.** Sow from March to April 15th in a hotbed or greenhouse, where the temperature is never below 60 degrees. About the first of June they may be transferred to the open ground. Set them deeply, four feet apart, and a shovelful of rotted manure should be mixed in the earth of each hill.

### Early Red Varieties

**NEW WAYHEAD TOMATO.** A distinct new type which has all the good qualities of Earliana and is, in addition, extra hardy, vigorous, disease-resistant and a heavy producer, continuing to bear long after the first picking is taken off. Pkt., 10 cts.; ½ oz., 50 cts.; oz., 75 cts.; ¼ lb., \$2.00, postpaid.

**REDHEAD.** An early, deep red variety of good size and shape. It is very meaty and nearly free from cracks. Fruit is very smooth and runs quite uniform in size; very productive. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., \$1.50; lb., \$5.00, postpaid.

**MANYFOLD.** A new variety, producing a heavy crop of large fruits very early in the season. The color is brilliant red, which extends also to the flesh. The fruits generally grow in clusters of 4 and 5. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., \$1.50; lb., \$5.00, postpaid.

**SPARK'S EARLIANA.** Ready to pick 100 days after the seed is sown. Medium size, handsome shape, bright red; quite solid; of rather acid quality. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., \$1.40; lb., \$3.75, postpaid.

**BONNY BEST.** Very smooth, solid, uniform, and produced in clusters; ripens uniformly and is very productive; color bright red. Pkt., 10 cts.; oz., 45 cts.; ¼ lb., \$1.25, postpaid.

**JOHN BAER.** Ripening a few days after Earliana, produces larger fruits and plenty of them. Always smooth, semi-globe-shaped, bright red; quality excellent. Pkt., 10 cts.; oz., 45 cts.; ¼ lb., \$1.35; lb., \$4.50, postpaid.

**CHALK'S JEWEL.** Later than Bonny Best; fruits slightly larger and a better yielder, particularly on heavy soils on which it produces enormous crops and bears for a long season. Fruit solid, bright crimson and of fine quality. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., \$1.25; lb., \$4.00, postpaid.

### Main-Crop Red Varieties

**MARGLOBE.** New midseason sort. A hybrid from Marvel and Livingston's Globe. Entirely immune from rust and wilt. A pure scarlet, globe-shaped, with the size and fine qualities of Livingston's Globe but earlier and a heavier cropper. Valuable for canning and marketing due to its solidity, scarlet color and fine appearance. Pkt., 15 cts.; ½ oz., 35 cts.; oz., 65 cts.; ¼ lb., \$2.00, postpaid.

**GREATER BALTIMORE.** A select strain of Stone, ripening several days earlier and nearly as productive. Largely grown for canning in the northern states. Pkt., 10 cts.; oz., 45 cts.; ¼ lb., \$1.35; lb., \$4.50, postpaid.

**STONE.** An old favorite—the standard tomato for main-crop and canning. Immensely productive; fruits large and smooth, bright scarlet, solid and meaty. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.25; lb., \$3.50, postpaid.

**MATCHLESS.** Another strain of Stone, with extra large fruits; late but the heaviest yielder of all. The best main-crop variety for the home garden. Rich cardinal red; flesh solid and of the finest quality. Pkt., 10 cts.; oz., 45 cts.; ¼ lb., \$1.50; lb., \$5.00, postpaid.

### Dwarf Tomatoes

**DWARF STONE.** The most popular of the dwarf kinds; quite early and a heavy cropper. Fruits large and solid, deep scarlet. Pkt., 10 cts.; oz., 45 cts.; ¼ lb., \$1.35; lb., \$4.50, postpaid.

**DWARF GIANT, or DWARF PONDEROSA.** Purplish crimson fruits of the largest size; flesh solid and contains few seeds. Pkt., 10 cts.; oz., 65 cts.; ¼ lb., \$1.95; lb., \$6.50, postpaid.

**DWARF CHAMPION.** Stocky plants, maturing early and bearing a large crop of medium-sized, smooth, purplish pink fruits. Pkt., 10 cts.; oz., 50 cts.; ¼ lb., \$1.50; lb., \$5.00, postpaid.

### Pink Tomatoes

**EARLY ACME.** Rich glossy crimson, tinged with purple; perfectly smooth. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., \$1.40, postpaid.

**JUNE PINK.** Identical with Earliana, but pink in color. A good producer and resistant to blight. 100 days. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., \$1.35; lb., \$4.50, postpaid.

**GULF STATE MARKET.** (New.) The finest early purple-fruited tomato. Ripens with Early Detroit but is larger, more solid and more globe-shaped. Productive and a good shipper. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., \$1.70; lb., \$6.50, postpaid.

**GLOBE.** An outstanding variety; most valuable purple tomato. Commencing to bear in early mid-season, it produces an enormous crop of handsome, distinctly globe-shaped fruits of the very finest quality. Smooth purplish pink. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., \$1.35; lb., \$4.50, postpaid.



Johnson's Improved Beauty Tomatoes

**EARLY DETROIT.** Follows June Pink; fruits larger, uniformly smooth and well-colored. A good producer on any soil. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., \$1.35; lb., \$4.50, postpaid.

**BEAUTY (Johnson's Improved).** A productive main-crop variety; fruits of good size, smooth, solid, never cracking; quality excellent. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., \$1.25; lb., \$4.00, postpaid.

**PONDEROSA.** The largest of all tomatoes, regardless of color. Properly grown, a single plant will often bear from 20 to 30 large fruits, generally in clusters of three, each cluster weighing from 1½ to 2 pounds. Pkt., 10 cts.; ½ oz., 40 cts.; oz., 60 cts.; ¼ lb., \$1.75; lb., \$5.50, postpaid.

**YELLOW PONDEROSA.** Similar in size and growth to Ponderosa; clear golden yellow; solid and mild in flavor. Pkt., 15 cts.; ½ oz., 35 cts.; oz., 60 cts.; ¼ lb., \$1.85; lb., \$6.00, postpaid.

**GOLDEN QUEEN.** About size and form of Beauty; smooth golden yellow. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., \$1.50, postpaid.

### Greenhouse Forcing Tomatoes

**ENGLISH COMET.** The tomatoes are of a good medium size, very solid and of a deep scarlet color. Pkt., 15 cts.; ½ oz., 35 cts.

**SUTTON'S BEST OF ALL.** Fruits smooth, good size; deep scarlet. Pkt., 15 cts.; ½ oz., 35 cts.

**STIRLING CASTLE.** Medium-sized, bright red fruit. Pkt., 15 cts.; ½ oz., 35 cts.

**SUNRISE (Carter's).** One of the best of the English forcing tomatoes. Pkt., 15 cts.; ½ oz., 35 cts.

### Preserving Tomatoes

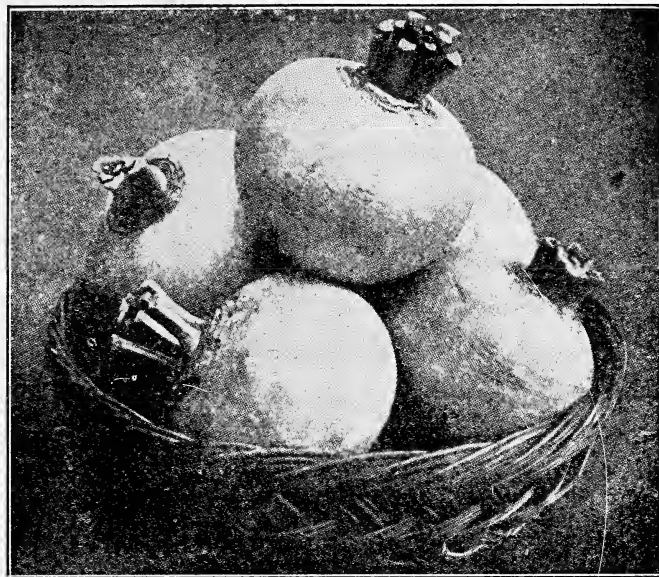
The following small-fruited varieties are used for making preserves, and are also quite ornamental: Pear-shaped Red, Pear-shaped Yellow, Yellow Plum, Yellow Cherry, Red Cherry, Red Currant, Red Peach, Strawberry, or Ground Cherry. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 45 cts.



## Turnip

Early varieties of Turnips should be planted just as soon as the ground is dry in spring. Sow early in rows, and later broadcast. The Rutabaga varieties, and also the late sorts, will do better if planted in rows at least 1½ feet apart, and thin out the plants when well up to 6 inches apart. Cultivate often and thoroughly. The Rutabaga varieties should be planted as soon as possible after the middle of June, as they need a longer season than the Turnips.

One ounce of seed sows 100 feet of drill; one pound will plant an acre.



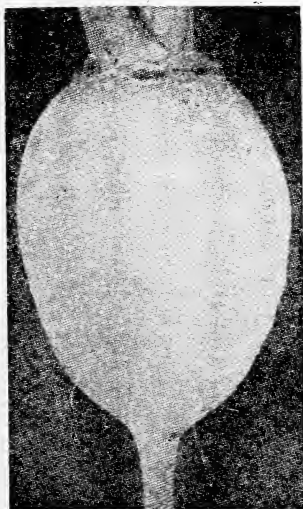
Purple-Top White Globe Turnip

**PURPLE-TOP WHITE GLOBE.** Most popular of all turnips for main crop. The roots are large, purple or dark red above ground, white below and when in best condition for the table, are about 3 inches in diameter, but can be grown much larger. Flesh white, fine-grained and tender. Keeps well and is one of the best for market; also a popular home garden sort. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 80 cts.; 5 lbs., \$3.00, postpaid.

**YELLOW GLOBE or AMBLER.** One of the best yellow-fleshed varieties and a good table sort. The roots are large and of globular shape; skin clear yellow except the top which is tinged with green; flesh light yellow, fine-grained and sweet. A good keeper. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 80 cts., postpaid.

**LONG WHITE or COWHORN.** Clear white, except a little green at the top of the root. The roots are often 12 inches long by about 2½ inches in diameter and grow about 3 inches out of the ground. The flesh is fine-grained and well flavored. Desirable for stock feeding. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 75 cts., postpaid.

**PURPLE-TOP STRAP-LEAF.** Comes next to Purple-Top Globe in popularity. An early strap-leaved variety, very extensively used for the table. Leaves are few and upright in growth. Roots flat, of medium size, purple or dark red above ground, white below; flesh white, fine-grained and tender. Roots are best for table use when about 2 to 3 inches in diameter. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 75 cts., 5 lbs., \$2.75, postpaid.



White Egg Turnip

**EXTRA-EARLY PURPLE-TOP MILAN.** Roots are flat and an attractive purple-red on the upper portion. Tops small and upright and are therefore well adapted for forcing. The Milans are the very best for extra early, and their quality is fine; very smooth skin and more nearly transparent than any other sort. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., \$1.10, postpaid.

**EXTRA-EARLY WHITE MILAN.** Same as Purple-Top Milan except in color. Best in quality when only about 2 inches in diameter. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., \$1.00, postpaid.

**EARLY SNOWBALL.** Medium-sized round turnip; pure white; very fine flavor; flesh is fine-grained. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 80 cts., postpaid.

**WHITE EGG.** An early, egg-shaped variety with smooth, clear white roots of medium size which grow half out of the ground. The flesh is clear white, firm, fine-grained and sweet. The roots are in best condition for use when about 1½ inches in diameter. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 80 cts., postpaid.

**EARLY FLAT DUTCH or WHITE STRAP-LEAVED.** Same as Purple-Top Strap-Leaf except in color. In best condition for table use when about 3 inches in diameter. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 75 cts., postpaid.

**SEVEN TOP.** This sort is cultivated extensively in the South for the tops which are used for greens, and in many parts of the country is a favorite green feed for stock. Is used like rape for a pasture crop. Very hardy and grows throughout the winter in mild climates. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 65 cts., postpaid.

**GOLDEN BALL or ORANGE JELLY.** One of the very best varieties of yellow-fleshed turnips. Tops small; roots medium sized, round, very smooth, and with deep yellow skin. The flesh is firm, crisp and sweet. May be planted either in early spring or late summer. It is a good keeper. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 75 cts., postpaid.

**LARGE WHITE GLOBE (Pomeranian).** This is a very productive sort and if planted in good, rich soil the roots attain very large size, sometimes weighing as much as ten pounds. The roots are globe-shaped or slightly flattened; skin very white and smooth. Used for stock-feeding and is also good for table use if pulled when young. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 80 cts., postpaid.

## Rutabagas

Sow Rutabagas in June and July in drills two feet apart; thin out to nine inches in row.

**IMPROVED AMERICAN PURPLE TOP.** A yellow-fleshed purple top variety, grown either for stock or table. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., \$1.00, postpaid.

**PERFECTION WHITE.** The best white variety offered. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts., postpaid.

Ask for prices on large lots of Turnip seed.



Purple Top Rutabaga

ALL VEGETABLE SEEDS in quantities offered in this Catalog are **FORWARDED TRANSPORTATION PAID** anywhere in the United States, we reserving the privilege of shipping either by **PARCEL POST, EXPRESS or FREIGHT.**

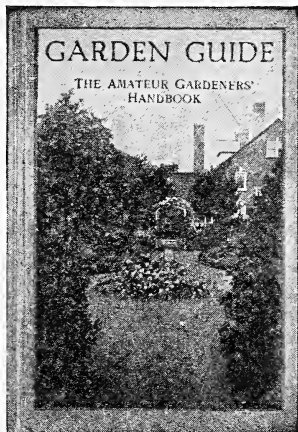




# Johnson's Seeds that Produce

## Popular Agricultural Books

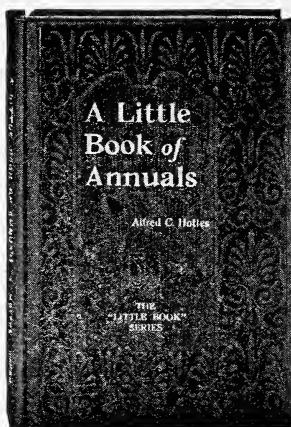
Only the best books in their respective fields are listed here, books that we can recommend without reserve. They are worthy of a place on your bookshelf. Read and profit by them.



**GARDEN GUIDE** (Amateur Gardener's Handbook). Fourth edition. This gem covers every step from the preparation of the soil to the preservation of the harvest and we are glad to recommend it to every person who has a lawn to care for, a garden to plant, fruits and ornaments to prune. Whoever enjoys flowers and wishes to keep them free from insects will appreciate its helpful suggestions. Over 275 illustrations appear on its 384 pages. **Postpaid, cloth, \$1.65.**

**MILADY'S HOUSE PLANTS.** Palmer. The care of house plants is simply explained and with the aid of this book, success is assured. Instructions for potting, watering and arrangement of plants are given and illustrated. **Postpaid, cloth, \$1.10.**

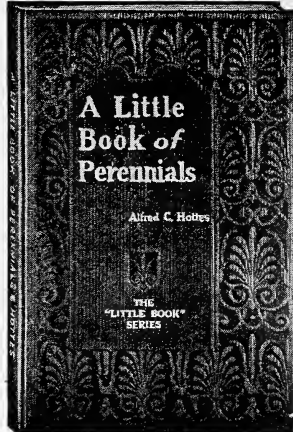
**PRACTICAL LANDSCAPE GARDENING.** Cridland. Its practical advice relative to the location of the modest home and details concerning almost every problem confronting the home builder and owner make this one of the very best books on the subject. We recommend it to anyone requiring advice on the proper layout of his grounds, as the many illustrations, sketches, plans and planting keys make the task easy. 266 pages, 6x8 in. **Postpaid, \$2.65.**



**LITTLE BOOK OF ANNUALS.** Hottes. A thoroughly reliable guide for the amateur who grows flowers for the love of them. A handsome, freely illustrated book of 128 pages that will appeal to a host of our customers as it is the best thing along this line that has come to our attention. **Postpaid, cloth, \$1.65; paper, \$1.10.**

**LITTLE BOOK OF PERENNIALS.** Hottes. 170 pages devoted to a discussion of the most important useful perennials, giving valuable information relative to description, culture, and requirements that every flower lover should know. Well illustrated, making an interesting and instructive book for professional and amateur. **Postpaid, cloth, \$1.65.**

**COMMERCIAL FLORICULTURE.** Bahr. The writer of this practical manual for the retail grower needs no introduction from us as he has been bringing his excellent ideas before florists for a considerable period and all will welcome this splendid edition, which brings together in one volume the results of his practical experience. Written in a friendly style, the many plants, shrubs, trees and vines are discussed—which varieties to grow and which to avoid, and how to make the best use of those selected—things every man ought to know, but so comparatively few of us do know. Get acquainted with it; it will repay you quickly. **Postpaid, \$5.00.**



## Rustic Bird Houses

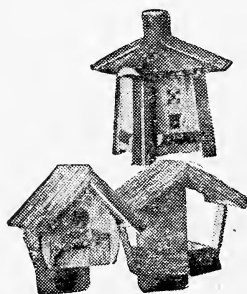
These Houses Will Bring the Birds Back to You Year After Year

No. 61  
**WREN HOUSE**  
(Swinging House)  
Price \$2.50  
P. P. Wt., 5 lbs.

No. 62  
**BLUEBIRD HOUSE**  
Price, \$2.50  
P. P. Wt., 3 lbs.

No. 60  
**ROBIN HOUSE**  
Price, \$2.00  
P. P. Wt., 3 lbs.

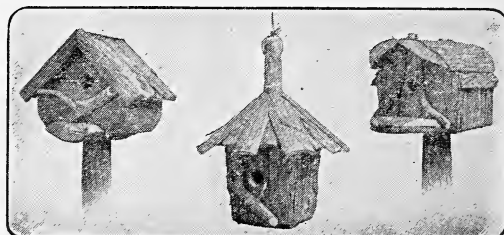
No. 61



No. 62

No. 60

"ART SET" complete, 3 houses as shown, for.....\$6.50



No. 11

No. 12

No. 13

No. 11  
Price, \$2.25  
Weight, 3 lbs.

No. 12  
Price, \$2.25

No. 13  
Price, \$2.25

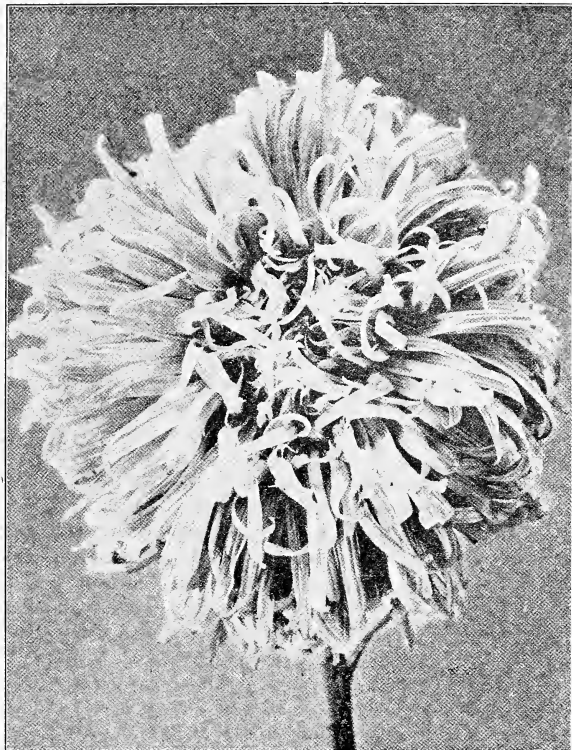
"COUNTRY LIFE SET" complete as shown above for... \$6.50





## Novelties and Specialties in Flower Seeds

For General List of Flower Seeds, see pages 41 to 61.



Aster California Giant

### New California Giant Branching Asters

We have had this strain under observation for the past few years, and it now fully meets with our ideas as to quality. It is a splendid mid-season to late flowering strain, the result of years of painstaking selection by one of California's leading hybridizers. The plants grow from 3 to 3½ feet high with long, strong stems 18 to 24 inches in length, bearing beautifully formed, curled and interlaced flowers 5 inches and over across. The illustration shown on this page was made from a photograph taken on August 20th. We offer the following beautiful colors:

Lavender Blue.                      Pure White.  
Peach Blossom.                      Purple Violet.

Rich Rose.

Price, any of the above, 25 cts. per pkt.

Collection containing a packet each of the above 5 colors, \$1.00.  
Finest Mixed. Containing all colors, 20 cts. per pkt.: 3 pkts. for 50 cts.

### New Early Beauty Aster

This new strain of the popular Beauty Aster is as early as Crego, and thus has a distinct advantage over the original Beauty Aster, which was too late for many locations. The blooms are magnificent in size, and the long stems are very useful. It is a wonder for continuous blooming. We offer the following most effective colors:

	Pkt.		Pkt.
Carmine Rose.....	\$0.25	Rose .....	\$0.25
Lavender .....	.25	September Beauty.....	.25
Purple .....	.25	Finest Mixed .....	.25

One packet each 5 colors for \$1.00.

### Four Fine Asters

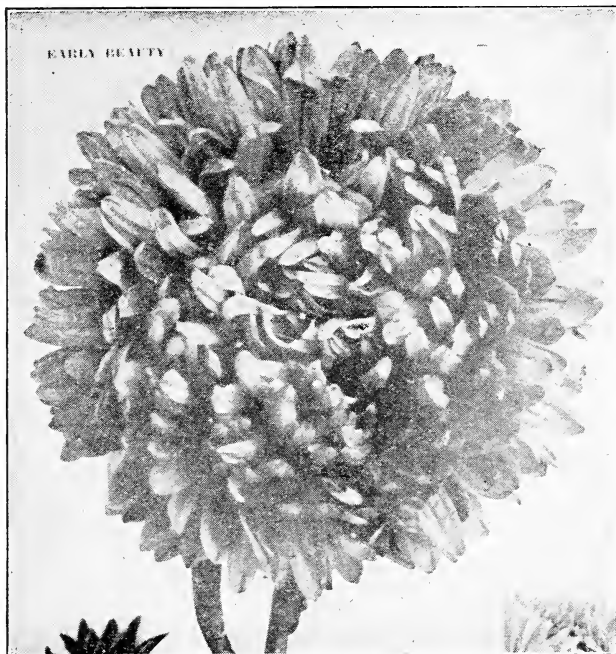
**HEART OF FRANCE.** The best pure red Aster ever introduced. Heart of France opens red as a ruby, deepens with age and retains its remarkable beauty to the very end. The petals appear strikingly changeable, showing a glow and sheen quite unique. The flowers are large and full with no trace of a hollow center; the plants are of branching type and very robust; stems long and strong. Pkt., 25 cts.; ¼ oz., 60 cts.; ½ oz., \$1.00.

**VIOLET KING.** The habit is similar to the popular Giant Branching, vigorous growth, long stiff stems. In form the flower is entirely distinct from any other variety; petals somewhat resemble the quilled varieties, but are much larger and broader. In shape and size the bloom is round, full and very large. Pkt., 25 cts.; ¼ oz., 60 cts.; ½ oz., \$1.00.

**NEW WHITE PERFECTION.** A distinct race of upright asters. Flower of branching type, snow white, stems long, plant very robust. The full double form of the flower makes a very shy production of seed, hence the following high prices. Pkt., 25 cts.; ¼ oz., 50 cts.; ½ oz., 80 cts.

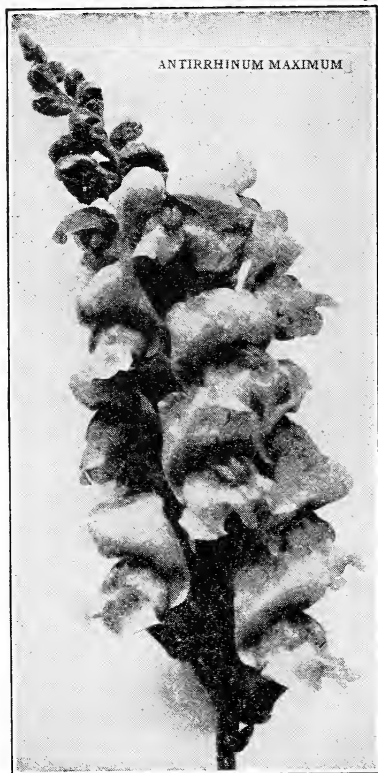
**PINK ENCHANTRESS.** Flowers soft delicate pink; always full double, petals of medium length and very broad. Plant upright in habit; stems long, strong and graceful. Mid-season. Pkt., 25 cts.; ¼ oz., 50 cts.; ½ oz., 85 cts.

One packet of above four Asters for only 85 cts.



Early Beauty Aster

ALL FLOWER SEEDS ARE POSTPAID.



ANTIRRHINUM MAXIMUM

Antirrhinum Maximum

## Super-Giant Snapdragons

(Antirrhinum Majus Maximum)

This wonderful new group of Snapdragons far surpasses anything yet introduced. In habit they are slightly taller than the Majus group. The flowers are of magnificent size closely placed on the spike. The group as a whole is slightly variable in size and color.

APPLEBLOSSOM. Appleblossom pink.	GOLDEN QUEEN. Deep yellow.
BUNCH OF LILAC. Lilac purple.	INDIAN SUMMER. Copper brown.
CANARY BIRD. Canary yellow with deep yellow lip.	OLD GOLD. Rose on yellow ground.
COPPER KING. Bronzy copper color.	PURPLE KING. Deep glowing purple.
DIAMOND. Golden yellow, lilac throat.	SNOWFLAKE. Dazzling white.
	THE ROSE. Rich rose pink.

Price, any of the above, 25 cts. per pkt.

Collection containing a packet each of the 11 sorts, \$2.00.

Super-Giant Mixed. All colors, 25 cts. per packet, 3 pkts. for 65 cts.

## Three Beautiful Snapdragons

The sorts offered below belong to the Grandiflora Half Dwarf Section, and are unusually attractive in color.

GLORIA. Rich, glittering deep rose, most effective for bedding or cutting.

PRIMA DONNA. Splendid spikes, large flowers of charming color, being amber overlaid chamois effect apricot pink.

PEERLESS PINK. One of our own introduction. The flowers are of immense size, two inches and over across, and the color an even tone of soft shell-pink, the finest clear pink variety yet introduced.

Price, any of the above, 50 cts. per pkt.

Collection of a packet each of the three sorts for \$1.25.

## Candytuft

GIANT HYACINTH FLOWERED WHITE EXTRA SELECT. A very select strain worked up from a single plant selection made in 1916. This parent plant threw ten perfect spikes, but the average from the offspring is six and seven. Pkt., 25 cts.; ¼ oz., 55 cts.; oz., \$1.75.

## Cynoglossum Amabile Blue

(Chinese Forget-me-not)

An annual recently introduced from China; of the easiest cultivation, with strong plants about 18 inches high and producing through the summer months sprays of intense blue Forget-me-not-like flowers. Pkt., 25 cts.; ¼ oz., 35 cts.

## Yellow Cosmos (Klondyke)

Golden yellow flowers borne on long stems, and measures from 2½ to 3½ inches across. To get this variety in bloom before frost in the states north of Virginia it should be grown in pots or boxes, so that the roots are confined, thus throwing it into flower. Pkt., 25 cts.; 2 pkts., 40 cts.

## Cosmos

Double Crested or Anemone Flowered

The flowers vary considerably in their degree of doubleness, some being absolutely double, while others have a frill or collar surrounding the double disc, and while we think this is the most artistic, they are beautiful in either form, of high value for cutting and garden decoration. We offer both the early and late flowering strains.

## Early-flowering Double Cosmos

CARNELIA. Rich rosy crimson.....	Pkt. \$0.25
PEACHBLOSSOM. Deep rose-pink.....	.25
WHIRLWIND. Pure white.....	.25
Collection of a packet each of the 3 early doubles, 60 cts.	
EARLY DOUBLE MIXED.....3 pkts., 50 cts.	.20

## Late-flowering Double Cosmos

CRIMSON KING. Deep rose crimson.....	Pkt. \$0.20
PINK BEAUTY. Soft rosy pink.....	.20
WHITE QUEEN. Pure white.....	.20
Collection of a packet each of the 3 late doubles for 50 cts.	
LATE DOUBLE MIXED. All colors.....2 pkts., 25 cts.	.15



New Double Cosmos

ALL FLOWER SEEDS ARE POSTPAID.

# Johnson's Seeds that Produce



## New Cosmos Early Express Pink

En extra early Cosmos flowering in from 45 to 50 days from the time seed is planted. The plant grows about 2½ to 3 feet high and is covered with medium sized bright pink flowers. Pkt., 25 cts.; ¼ oz., \$1.00.

## Chinese Woolflower

(Celosia Childsi)

This unique type of Celosia plumosa forms large globular heads like balls of wool or chenille, which looks as if made out of some silky material. The plants, 2 to 3 feet in height, branch freely, each branch terminating with a flowerhead. It continues to flower from early summer until frost, and is very effective for gardens, either massed or grown as individuals. Valuable for cutting as they retain their bright color for weeks. Crimson, pkt., 25 cts.; pink, pkt., 25 cts.; mixed, pkt., 15 cts.

## Cheiranthus Linifolium

(Alpine Wallflower)

A very pretty biennial which can be treated as an annual, flowering freely throughout the summer from seed sown in spring. It forms compact plants about 9 inches high with numerous small spikes of bright mauve flowers, an unusual color and makes a very neat line and is particularly adapted for planting on a rockery. Pkt., 15 cts.; 2 pkts., 25 cts.



Gaillardia—Portola Hybrids

## Gaillardia Grandiflora "Dazzler"

Few flowers rival the Gaillardia for making a gorgeous display in the garden and this fine new variety is an advance on all others of its class. Originating from Lady Rolleston it produces larger flowers with wider florets, often attaining a diameter of 4 to 5 inches. The color is a bright golden yellow with rich maroon-red center, the two tints bearing a well-balanced and harmonious proportion to each other. The plant is vigorous, throwing up a profusion of long and erect flower stalks, which provide excellent material for cutting and are unsurpassable for table decoration. This novelty comes very nearly true from seed. Pkt., 25 cts.; 3 pkts., 65 cts.

## New Helianthus

**EXCELSIOR HYBRID.** A fine, double mixture of yellow and bright red shades predominating, many having large disks. It is a very distinctive mixture of colored sunflowers and contains many new and pleasing varieties. Pkt., 20 cts.; ¼ oz., 50 cts.

**MAROON PRINCE.** Maroon Prince is a dwarf-growing strain. True maroon in color, single, and is unquestionably the best red sunflower on the market today. Pkt., 20 cts.; ¼ oz., 50 cts.

## New Antirrhinum (Snapdragon)

**KATHERINE MORSE.** A new color and form of flower in Antirrhinum. The color is soft tones of old rose and yellow. The tube is soft old rose and face of flower yellow suffused with old rose. The top of the flower is beautifully waved. Pkt., 25 cts.

## Orange King Calendula

**BALL'S GREENHOUSE STRAIN.** This is an exceptionally fine Calendula for forcing. Color orange with a light center; long stems with very large uniformly double flowers. A very select strain grown for us with the greatest care for our customers. The plants in the open ground under ordinary field cultivation attain a growth of 18 inches high and produce blossoms 3½ inches in diameter. What they will do under intensive hothouse culture can be left to the imagination. Pkt., 25 cts.; ¼ oz., \$1.00; ½ oz., \$1.80; oz., \$3.25.

## Gaillardia Grandiflora Portola Hybrids

(NEW)

This superb new strain of Gaillardias bears flowers of very large size, the color ranging through shades of bronzy red with characteristic golden tipped petalage and robust vigor of the well known Portola variety. A splendid cut flower. Pkt., 35 cts.; ¼ oz., \$1.00.

## Pomo-Green

Not Mailable

**POMO-GREEN—The leaf-green Rose Dust.** Will control Black Spot, Mildew and external chewing insects on roses; also Snapdragon Rust, Carnation Rust and Mildews in general on flowers and shrubs. Price, per lb., 50 cts.; 5 lb. carton, \$2.00.

ALL FLOWER SEEDS ARE POSTPAID.



## Specialties in Flowers

### New Hollyhock "Queen of Sheba"

A unique color in the highly perfected class of Chater's Double Hollyhocks. The very double and finely formed flowers of this superb variety are of a beautiful primrose-buff hue with rosy reflections, a lovely and most effective coloring, and a great acquisition to the varied range already existing in this stately and highly decorative species. **Pkt., 25 cts.; 2 pkts. for 40 cts.**

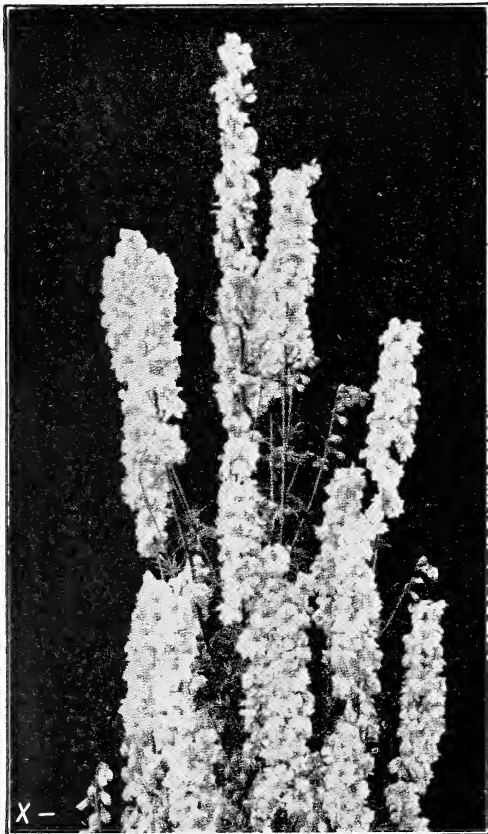
### Lilium Regale

(The Regal Lily)

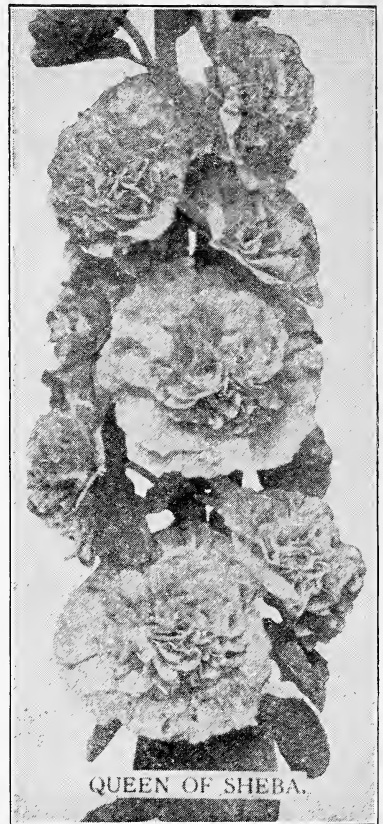
It is absolutely hardy, and is excellent for forcing. It has been predicted that this will become the Easter Lily of the future, and being so hardy, may be grown at home. The flowers are white, slightly suffused with pink, with a beautiful shade of canary yellow at the center, and extending part way up the trumpet. It is delightfully perfumed, reminding one of the jasmine, and lacking the heavy oppressive odor of most lilies. Blooms out of doors early in July, and seedling bulbs will flower the second year. **Pkt. (20 seeds), 35 cts.; 3 pkts., \$1.00.**

### New Larkspur (La France)

La France is the most striking of all Larkspurs and is much more vigorous and tall growing than other light shades. The color is a pleasing salmon pink. Flowers are double and come on long stems. **Pkt., 35 cts.; ¼ oz., \$1.00.**



Larkspur Exquisite Pink Improved



### Larkspur Exquisite Pink Improved

A new strain true Exquisite Pink in color with a wonderful improved new form. An upright habit similar to our perennial Delphinium and, best of all, this new improved strain comes practically 100 per cent true. The color is a beautiful soft pink shaded salmon. **Pkt., 25 cts.; ¼ oz., 75 cts.**

### Larkspur Exquisite Rose

A beautiful shade of rose pink, several tones deeper than Exquisite Pink Improved but with the same new improved Delphinium form and coming quite true. **Pkt., 25 cts.; ¼ oz., 75 cts.**

We wish you would write us frankly about the results you have with our seeds.

### Poppy Novelties

**AMERICAN LEGION.** This new single Shirley Poppy is a dazzling orange scarlet of enormous size, borne on long, stout stems. The plants are of very erect robust growth and the flowers are wonderful keepers when cut in bud. A bunch was a beautiful sight for several days when put in water after a four-day trip from California in an ordinary box without the benefit of refrigeration. **Pkt., 15 cts.; oz., 80 cts.**

**SUNBEAMS.** This is the result of a cross between the Shirley and Nudicaule types. The flowers are charming shades of orange, salmon, maize and other tints. The blooms keep well in water which makes it a fine cut flower for baskets or vases. **Pkt., 25 cts.**

**NUDICAULE NEW ART SHADES.** A charming collection of colors in the Iceland Poppy family, including apricot, burnt orange and lovely pink shades. **Pkt., 25 cts.; 2 pkts, 40 cts.**





## Specialties in Flowers

### New Hybrid Iceland Poppy

This beautiful strain of these charming hardy Poppies is being improved every year, and the stock which we offer this season will be found much finer than heretofore, containing a great number of lovely new shades of color. Pkt., 15 cts.; 2 pkts., 25 cts.

### Oriental Poppy

(P. orientale)

**ORIENTAL, NEW HYBRIDS.** Immense flowers, many of them larger than Orientale, the colors varying from blush-white to orange and deep red. 3 feet. Pkt., 25 cts.; 1/2 oz., \$1.00.

### Three Balcony Petunias

These three varieties, which we offer here this year in order to give them wider prominence, are a select type of the plain edged Petunia which by reason of the habit of the plant is well adapted for window-box culture. The plants are symmetrically formed, grow about 1 foot high, and the flowers are rich and pure, measuring 3 inches across. We offer them in three distinct colors: **Balcony Blue, Balcony Rose and Balcony White.** Mixture of all three. Each pkt., 20 cts.; 3 pkts., 50 cts.

### Petunia

**SPECIAL RUFFLED GIANTS.** Our wonderful strain of Ruffled Giants should not be confused with the strains sent out by other growers under this name. The flowers are of immense size, beautifully ruffled and have been rogued down to color and form by a Petunia specialist. We make the assertion that there is not a finer strain of this famous Petunia in existence. Pkt., 25 cts.; 5 pkts., \$1.00.



Balcony Petunias

### Large Flowering Petunia

**PURPLE PRINCE.** This splendid rich velvety purple-violet variety belongs to the Grandiflora or large-flowering section, and while not as free as its smaller-flowering relatives, the quality of its blooms makes up in effectiveness for what is lost in quantity. Pkt., 35 cts.; 3 pkts., \$1.00.

### New Petunias

Large Flowering

**DWARF CALIFORNIA GIANTS.** The habit of the plant is very dwarf, flowers very large and of the finest substance, very fine range of color. Pkt., 30 cts.

**COPPER ROSE.** Enormous flowers of wonderful color with a deep white throat, deeply veined—a shade that attracts and holds your attention. The substance of the petals is firm with a velvety surface. Free flowering, but shy seeder. Pkt., 30 cts.

**PINK GLORY.** The color is pure flame rose pink without a trace of purple. The flowers measure 3 to 4 inches in diameter and are slightly ruffled. The plants grow compact to a height of 12 to 15 inches and are continually covered with flowers. Excellent for bedding. Pkt., 30 cts.

**ROMANY LASS.** One of the finest introductions of recent years. The flowers are of the large Fluffy Ruffle type. The color is a clear bright velvety blood red with purple throat, striped in black. Pkt., 30 cts.

Small Flowering

**BLUE BIRD** (Nana erecta violacea). A fine companion to Rosy Morn, same habit and freedom of bloom. Color steel blue, splendid for borders, pots or window boxes. The best small-flowered blue, compact Petunia to date. Pkt., 25 cts.

**ROSE OF HEAVEN.** Color rich brilliant rose, with inconspicuous white throat, darker than Rosy Morn; a compact grower, very free blooming, the flowers cover the foliage. Unexcelled for pots, window boxes and bedding—a truly wonderful acquisition. Pkt., 25 cts.



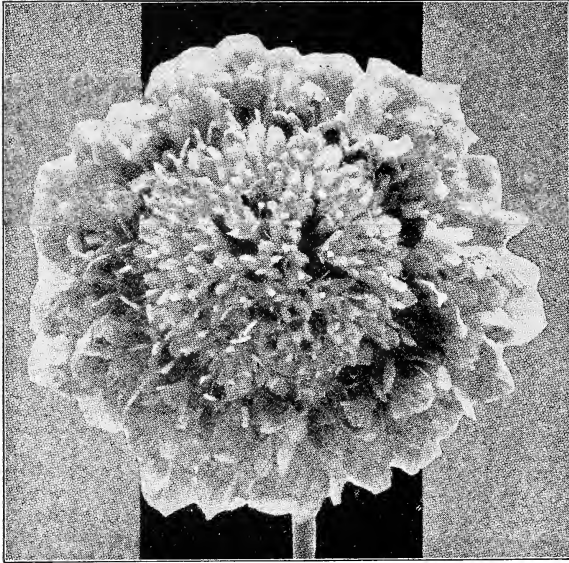
Ruffled Giant Petunia

ALL FLOWER SEEDS ARE POSTPAID.





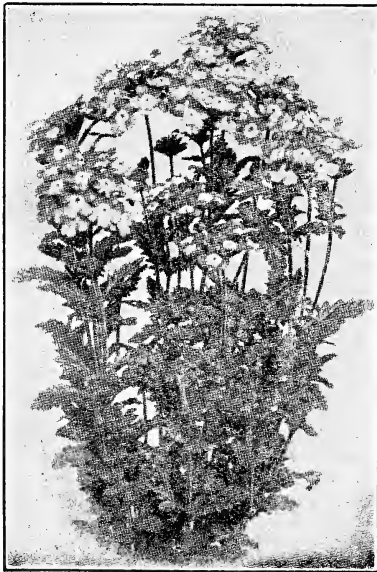
## Specialties in Flowers



New Scabiosa—Peach Blossom

### New "Royal Bouquet" Verbena

Wonderful as the Verbena is as a decorative plant for summer bedding, its usefulness has always been limited by its carpet-like spreading habit, and gardeners have long desired to have the plant in a compact and upright growing form. This new variety forms a plant 15 to 18 inches high and not more than 10 inches across, no lateral branches being thrown out, and what gives this novelty its special value is the fact that the flowers will compare in size and variety of color with those of the finest strains of Auricula-eyed Verbena. Suitable for growing in pots. **Mixed Colors.** In packets only, 25 cts.



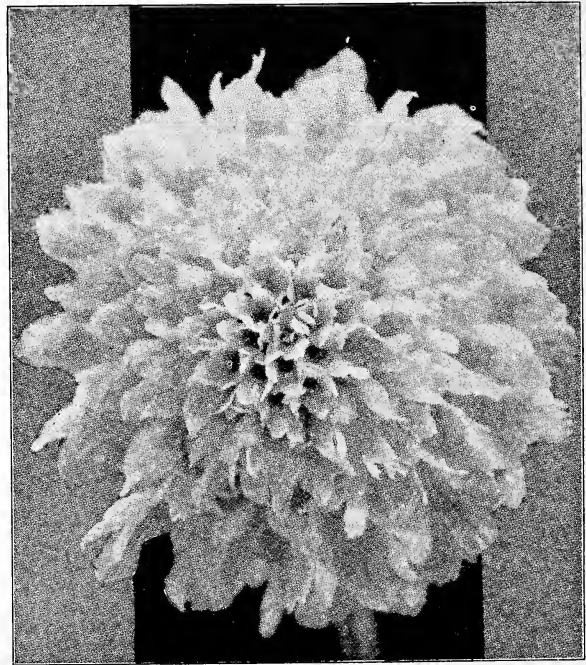
New Verbena—"Royal Bouquet"

### New Scabiosa

**PEACH BLOSSOM.** Highly commended by the Royal Horticultural Society of Great Britain. A beautiful shade of peach blossom pink, large size and long stems. An excellent cut flower. Pkt., 25 cts.;  $\frac{1}{8}$  oz., 50 cts.

**SHASTA.** A pure white of enormous size, the flowers measuring  $3\frac{1}{2}$  inches across the extremely long stems. Pkt., 25 cts.;  $\frac{1}{8}$  oz., 50 cts.

**COLUMBARIA.** A South African form of the European Scabiosa. It is a hardy, low-growing perennial with fine light green foliage. Flowers measure 2 to  $2\frac{1}{2}$  inches across. Color pink. A fine cut flower. Pkt., 50 cts.;  $\frac{1}{8}$  oz., \$1.50.



New Scabiosa—Shasta

### Sweet William

(*Dianthus Barbatus*)

**JOHNSON'S GIANTS.** The range of color includes shades which are not to be found in other strains, and the peculiar and delicate markings on the flowers are most attractive. Sweet Williams look well in solid beds or masses and require a good, rich, well manured soil to grow them to perfection; excellent border plants and fine for cut flowers. Plants grow 18 to 24 inches high. Pkt., 25 cts.; 2 pkts., 45 cts.

**DENTOSUS HYBRIDS.** An exceedingly effective strain of alpine pinks of hybrid origin, neat tufted habit, producing their gaudy flowers in the greatest profusion throughout the summer and autumn months. Flowers are large and exceedingly varied, from snow white to the deepest crimson, splashed, spotted and fringed in the most fantastic manner. Totally distinct from anything yet seen in this family. Pkt., 25 cts.



## Specialties in Flowers

### Eight Superb Newer Orchid-flowered Sweet Peas

We have selected the following out of the large number of new sorts of recent introduction and consider them the finest collection of newer sorts ever brought together.

**CRIMSON KING.** This grand novelty is the finest and richest Crimson Sweet Pea ever introduced, of strong, vigorous growth and bearing usually four extra large wavy blossoms on long, strong stems held well above the foliage so that none of their beauty is lost. Pkt., 20 cts.; oz., 50 cts.; ¼ lb., \$1.50.

**DEFIANCE.** This grand American novelty is undoubtedly the finest orange scarlet, a strong, robust grower, flowers of largest size, beautifully waved and absolutely sunproof. Pkt., 20 cts.; oz., 50 cts.; ¼ lb., \$1.50.

**HAWLMARK SALMON PINK.** One of the most attractive of the newer sorts, with flowers of largest size, of a brilliant pink, richly shaded with salmon. A good grower. Pkt., 20 cts.; oz., 50 cts.; ¼ lb., \$1.50.

**HAWLMARK SCARLET.** Of the many scarlet sorts introduced none equals this newcomer in brilliancy and purity of color, which is a real vermillion; the size of the flowers and the free growth of the plants leave nothing to be desired. Pkt., 20 cts.; oz., 50 cts.; ¼ lb., \$1.50.

**HEAVENLY BLUE.** For years hybridizers have endeavored to produce a real delphinium-blue Sweet Pea, and in Heavenly Blue have at last succeeded beyond expectations; the immense flowers, well placed on good strong stems, are a pure blue self; a novelty of more than usual merit. Pkt., 25 cts.; oz., \$1.00; ¼ lb., \$3.00.

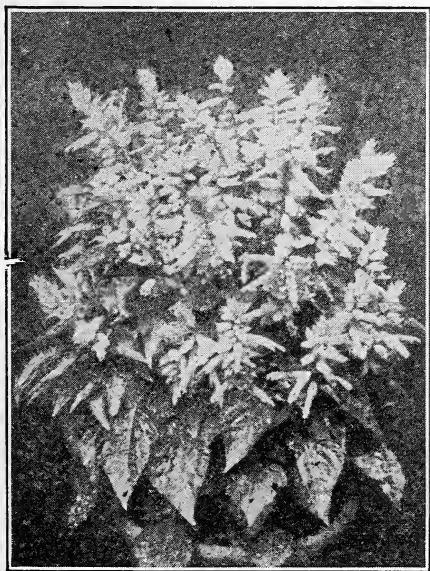
**MARY PICKFORD.** A wonderful new variety with nicely waved petals of a dainty clear pink, faintly suffused salmon; borne on four-flowered sprays on strong stems. Distinct and pretty. Pkt., 25 cts.; oz., \$1.00; ¼ lb., \$3.00.

**TANGERINE IMPROVED.** A wonderful glowing tangerine orange color, nicely waved flowers; very effective. Pkt., 20 cts.; oz., 50 cts.; ¼ lb., \$1.50.

**VALENTINE.** A grand extra large flowering soft blush pink, of strong, free, vigorous growth. Pkt., 20 cts.; oz., 50 cts.; ¼ lb., \$1.50.



New Sweet Pea, Crimson King



Salvia—America

### New Salvia—America or Globe of Fire

A new variety of this popular flower. The bushy plants of this New Salvia do not grow over 15 inches high, although, with the large spikes of brilliant scarlet flowers thrown well above the plant, it attains a total height of about 2 feet. If desired for borders or beds, this is indeed an acquisition on account of its uniformity of height. A continuous bloomer. Pkt., 25 cts.; ¼ oz., \$1.00; ¼ oz., \$1.75.

### New Perpetual-flowering Hardy Pinks

(*Dianthus Allwoodi*)

We have offered plants of this beautiful strain of Hardy Pinks for several years, and are again able to offer the seed, our supply of which comes to us direct from the introducer, a noted English specialist. It is expected that the seed will produce an average of 75 per cent double, deliciously clove-scented flowers in many colors. They are perfectly hardy, and flower continuously from spring until late in the autumn. Pkt., 50 cts.; 3 pkts., \$1.25.



## Specialties in Zinnias

### ZINNIAS

#### Double Giant Dahlia-flowered

We are pleased to be able to offer this Zinnia in separate colors this year. The plants are of the same vigorous habit as our Giant Double-flowering varieties. They attain the height of 3 feet, producing mammoth flowers averaging 6 inches across by 3 to 4 inches in depth, similar in shape to the Decorative Dahlia. We consider them a fitting companion to our strain of Giant Double-flowering Zinnias.

We offer 11 of the most wanted colors, separately, as well as a splendid mixture of many colors, as below:

**EXQUISITE.** Truly Dahlia-flowered as regards form and size. Color light rose with center a deep rose.

**OLD ROSE.** This is adequately described by its name, as it is of the real old rose shade.

**ILLUMINATION.** Similar to Exquisite, but a striking self color of deep rose.

**GOLDEN STATE.** A very rich orange yellow.

**CRIMSON MONARCH.** The largest and best of red shades.

**SCARLET FLAME.** A large, beautiful, bright scarlet, with a delightful blending of orange throughout the petal.

**METEOR.** A rich, glowing deep red and the darkest of all the red shades. Fine form, with good depth of petal.

**ORIOLE.** We consider this the most beautiful of its class. It is an immense orange and gold bicolor, changing slightly as it ages.

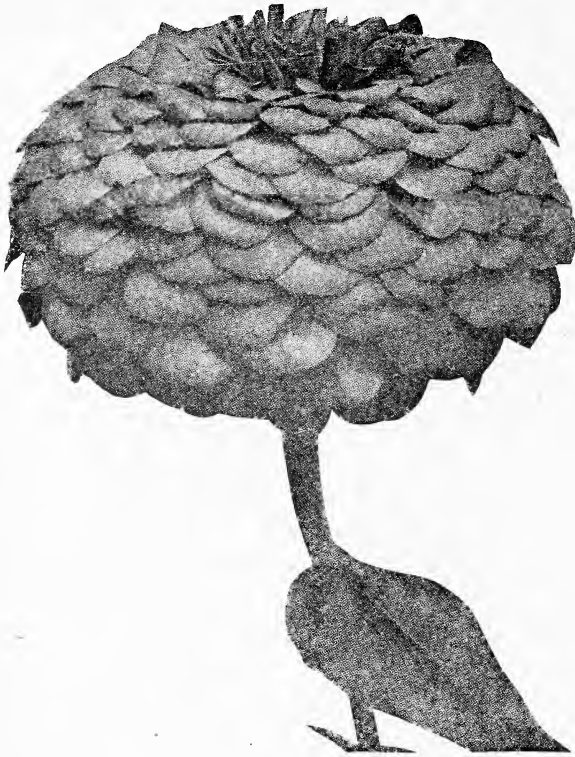
**DREAM.** A fine, deep lavender, turning to Mallow purple, a new desirable shade in Zinnias.

**BUTTERCUP.** An immense deep creamy yellow. A very desirable flower which should be included in every collection.

**CANARY BIRD.** A delicate shade of primrose—very large and holds its color well until out of bloom.

**SPECIAL MIXTURE.** A well blended mixture containing the above novelties.

Any of above, per pkt., 25 cts.;  $\frac{1}{4}$  oz., 75 cts. \*



Giant Dahlia-flowered Zinnia

### Three Specially Fine Zinnias

**GIANT DOUBLE QUILLED ACHIEVEMENT.** The petals are partially tubular or quilled, giving the flower somewhat the appearance of a cactus dahlia and displaying a rich variety of colors, mostly of the warmer shades, such as salmon, old rose, deep rose, lilac, bronze and dark red tones. On the reverse side the petals are light or dark lilac, making a wonderful combination of colors. Pkt., 25 cts.; 2 pkts., 40 cts.

**GIANT PICOTEE.** A remarkable new and distinct class with beautiful double flowers in orange, flesh, lemon, pink and cerise, each petal being distinctly tipped with various shades of dark, resembling the Picotee Carnations. Pkt., 25 cts.; 2 pkts., 40 cts.

**WATERMELON PINK, PUMILA DOUBLE ZINNIA.** A very pleasing and charming shade. Extra double flowers, produced on regular dwarf plants. Only 18 inches tall. Include in your order a packet of Zinnia watermelon pink, if you want a pleasant surprise. It is a beautiful color. Pkt., 20 cts.;  $\frac{1}{4}$  oz., 70 cts.



Giant Double Zinnia, Achievement

ALL FLOWER SEEDS ARE POSTPAID.



## Johnson's Selected Flower Seeds

### GENERAL LIST

In the following pages we offer a carefully selected list of Flower Seeds, in which no want of the flower garden has been overlooked, the numerous varieties insuring a wide range of color, form, height, habit and season, thus permitting selection for any and every ornamental purpose.

ALL FLOWER SEEDS ARE SENT POSTPAID AT PRICES GIVEN

The following abbreviations are used in our flower list:

A.—Annuals.

H. H. A.—Half Hardy Annuals.

H. A.—Hardy Annuals.

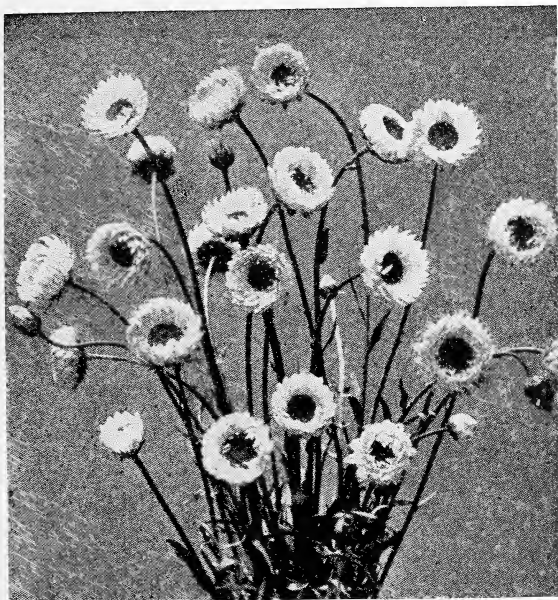
B.—Biennials.

H. B.—Hardy Biennials.

P.—Perennials.

H. P.—Hardy Perennials.

H. H. P.—Half Hardy Perennials.



Acroclinium

### Abutilon

(Flowering Maple.) Tender perennial shrub of easy culture.

**FINEST MIXED COLORS.** Excellent for flowering indoors. Pkt., 25 cts.

### Achillea

(Sneezewort or Milfoil.) H. P. Double. Daisy-like flowers; blooms from June till October.

**THE PEARL.** Pure white, 2½ ft. Pkt., 25 cts.; ¼ oz., \$1.50.

### Aconitum

(Monkshood.) H. P. Long spikes of helmet-shaped flowers; excellent for shady locations.

**NAPELLUS.** Blue, 3 ft. Pkt., 10 cts.; ¼ oz., 75 cts.

**WILSONI.** Dark rich blue, 3 ft. Pkt., 25 cts.; ¼ oz., \$1.00.

### Acroclinium

(Everlasting.) H. A. Extensively used as a dried flower for house decoration. They should be gathered before fully open and tops hung downward to dry.

**DOUBLE MIXED.** 1 ft. Pkt., 10 cts.; ¼ oz., 40 cts.

**SINGLE MIXED.** 1 ft. Pkt., 10 cts.; ¼ oz., 30 cts.

### Adonis

**ÆSTIVALIS** (Flos Adonis). H. A. Deep green foliage and scarlet flowers. Pkt., 10 cts.; ¼ oz., 25 cts.

**AUTUMNALIS** (Pheasant's Eye). H. A. Flowers crimson, dark center. 1 ft. Pkt., 10 cts.; ¼ oz., 25 cts.

**VERNALIS.** H. P. Finely cut foliage, bright yellow flowers, blooming early in May. Pkt., 10 cts.; ¼ oz., 65 cts.

### Ageratum

H. H. A. Floss Flower. Flowers forming in heads and blooming continuously all summer. Valuable for borders and edgings.

**MEXICANUM.** Finest mixed, 18 in. Pkt., 10 cts.; oz., 75 cts. **BLUE PERFECTION.** Dark blue, 18 in. Pkt., 10 cts.; ¼ oz., 50 cts.

**DWARF IMPERIAL.** White. Pkt., 10 cts.; ¼ oz., 60 cts.

**DWARF IMPERIAL BLUE.** Deep blue. Pkt., 10 cts.; ¼ oz., 35 cts.

**LITTLE BLUE STAR.** Fine for bedding, 9 in. Pkt., 25 cts.; ¼ oz., \$2.50.

**LITTLE DORRIT.** Azure blue. Pkt., 10 cts.; ¼ oz., 30 cts.

### Agrostemma

Free flowering, with attractive bright colors, on long, slender stems like a single pink.

**CELI-ROSA** (Rose of Heaven). H. H. Bright rose. 18 in. Pkt., 10 cts.; ¼ oz., 50 cts.

**FLOS-JOVIS** (Jove Flowers). H. P. Bright pink. 18 in. Pkt., 10 cts.; ¼ oz., 50 cts.

### Sweet Alyssum

H. A. One of the best known annuals; used extensively for bordering and edging, also valuable for cutting. Flowers from early summer till late fall.

**BENTHAMI.** Fragrant, 10 in. Pkt., 10 cts.; oz., 65 cts.; 4 ozs., \$2.00.

**LITTLE GEM, SNOW-WHITE CARPET PLANT.** The plants, which are only a few inches high, grow so dense and are so completely covered with snow-white blossoms they create the impression of a beautiful snow-white carpet. Pkt., 10 cts.; ¼ oz., 25 cts.; ½ oz., 40 cts.; oz., 75 cts.; ¼ lb., \$2.60; lb., \$10.00.

**LILAC QUEEN.** Beautiful lavender lilac color. Pkt., 10 cts.; ¼ oz., 20 cts.

### Hardy Alyssum

**SAXATILE COMPACTUM** (Gold Dust). H. P. Yellow. 9 in. Excellent for bordering perennial gardens. Pkt., 10 cts.; ¼ oz., 50 cts.



Ageratum—Blue Perfection





# Johnson's Seeds that Produce

## Amaranthus

**CAUDATUS** (Love Lies Bleeding). Crimson. Pkt., 10 cts.;  $\frac{1}{4}$  oz., 25 cts.  
**CRUENTUS** (Prince's Feather). Dark red. Pkt., 10 cts.;  $\frac{1}{4}$  oz., 25 cts.  
**FINEST MIXED**. Pkt., 10 cts.;  $\frac{1}{4}$  oz., 20 cts.

## Ammobium

(Winged Everlasting)

**ALATUM GRANDIFLORUM**. A very attractive annual everlasting; flowers are silvery white with yellow disc; grows best in light soil. 2 ft. Pkt., 10 cts.;  $\frac{1}{4}$  oz., 20 cts.

## Ampelopsis

**VEITCHI** (Boston Ivy). A very elegant hardy vine, attaching itself to stone, brick or woodwork. Pkt., 10 cts.;  $\frac{1}{4}$  oz., 20 cts.

## Anchusa

**DROPMORE VARIETY**. One of the best blue perennials. H. P. The bright blue Forget-Me-Not-like flowers are borne on graceful stems during the entire season and very late into the fall. 4 to 5 ft. Pkt., 20 cts.;  $\frac{1}{4}$  oz., 40 cts.

**CAPENSIS** (Summer Forget-Me-Not). H. A. A beautiful border plant with branched heads of azure blue with white eye. If sown in April will be in bloom in July. 2 ft. Pkt., 10 cts.;  $\frac{1}{4}$  oz., 30 cts.

## Anemone

H. P. One of the most beautiful perennials, having a great variety of color and flowering in May and June.

**CORONARIA** (Wind Flower). Mixed. 9 in. Pkt., 10 cts.;  $\frac{1}{8}$  oz., 30 cts.

**ST. BRIGID** (Irish Anemone). Extra large. 9 in. Pkt., 15 cts.;  $\frac{1}{8}$  oz., \$1.00.

**SYLVESTRIS** (Snowdrop Windflower). Large, nodding sweet-scented white flowers, tinged lavender.  $1\frac{1}{2}$  ft. April-May. Pkt., 15 cts.;  $\frac{1}{4}$  oz., \$1.00.

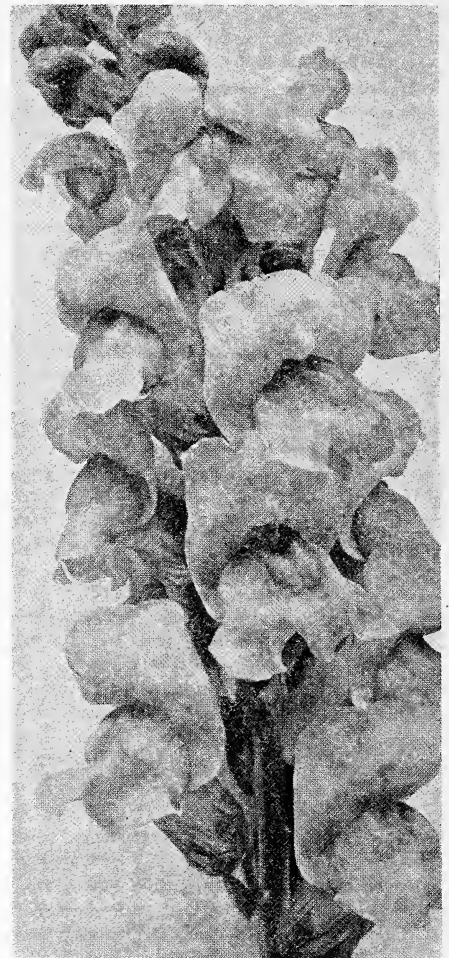
## ANTIRRHINUM

(Snapdragon)

Within the last few years Snapdragons have become immensely popular. This is not to be wondered at, as, whether used for cutting or for show in the garden, they are one of the most valuable flowers which can readily be grown from seed. We offer three distinct types: the large-flowering, tall-growing or giant, the equally large-flowered, half-dwarf variety, and the new maximum variety. In our trials the seeds sown out of doors the first week of May came into bloom early in July, remaining in full flower until November. For earlier flowering, they may be started indoors or in a frame in March, transplanting them to the open when the weather is suitable.

### Large-flowering Giant Sorts

<b>CRIMSON KING</b> . Rich garnet crimson.....	Pkt. \$0.10
<b>GOLDEN KING</b> . Rich yellow.....	.10
<b>FIRE KING</b> . Brilliant orange scarlet.....	.10
<b>HARMONY</b> . Terra cotta shaded rose.....	.10
<b>QUEEN VICTORIA</b> . Purest white.....	.10
<b>ROSE KING</b> . Soft silvery rose.....	.10
Collection of a packet each of the above 6 sorts, 50 cts.	
Finest Mixed. All colors. Pkt., 10 cts.; $\frac{1}{4}$ oz., 30 cts.	



Antirrhinum—Large-flowering Giants

### Large-flowering Half-dwarf Sorts

A splendid type, growing about 18 inches high, the best for bedding purposes.

<b>SILVER PINK</b> . Soft pearly pink.....	Pkt. \$0.10
<b>EMPRESS</b> . Rich velvety crimson.....	.10
<b>GOLDEN QUEEN</b> . Rich yellow.....	.10
<b>GRENADIER</b> . Fiery orange scarlet.....	.10
<b>PURITY</b> . Snowy white.....	.10
<b>FAWN</b> . Rose and gold.....	.10
Collection of a packet each of the above 6 sorts, 50 cts.	
Choice Mixed. All colors. Pkt., 10 cts.; $\frac{1}{4}$ oz., 30 cts.	

### Maximum or Super-giant Sorts

A new strain of tall growth producing long spikes of gigantic flowers.

<b>APPLEBLOSSOM</b> . Soft appleblossom pink.....	Pkt. \$0.25
<b>CANARY BIRD</b> . Canary yellow with deeper yellow lip....	.25
<b>COPPER KING</b> . Bronzy copper color.....	.25
<b>OLD GOLD</b> . Rose on yellow ground.....	.25
<b>SNOWFLAKE</b> . Dazzling white.....	.25
<b>THE ROSE</b> . Rich rose pink.....	.25
Collection containing a packet each of the 6 sorts, \$1.00.	
Super-giant Mixed. All colors, Pkt., 20 cts.; 3 pkts., 50 cts.	

There is one book which should be in every gardener's and home-owner's library. It is **GARDEN GUIDE** described on page 32 of this catalogue.

ALL FLOWER SEEDS ARE POSTPAID.



# Johnson's Seeds that Produce



## Aquilegia

(Columbine)

**LONG-SPURRED HYBRIDS.** A beautiful strain, comprising shades and combinations of blue, white, yellow, orange, orange-scarlet and bright rose pink, in large flowers with long spurs. Pkt., 35 cts.; 2 pkts., 60 cts.

**CAERULEA** (Rocky Mountain Columbine). Flowers large, petals white, sepals deep blue, spurs very long; one of the most beautiful. Pkt., 10 cts.; ¼ oz., 50 cts.

**VULGARIS.** The common European Columbine, flowers rich violet blue. A strong and easy grower. Pkt., 10 cts.; ¼ oz., 50 cts.

## Arabis

(Rock Cress)

**H. P.** Alpine trailing plant. Flowers borne on erect spikes, pure white and blooming very early. Useful in sunny rockeries and well drained borders.

**ALPINA.** 9 in. Dwarf white. Pkt., 10 cts.; ¼ oz., 25 cts.

## Arcotosis

**H. A.** Daisy-like flowers, pure white with light blue center, often 3 inches across.

**GRANDIS.** 2½ ft. Pkt., 10 cts.; ¼ oz., 30 cts.

## Armeria

(Thrift Sea Pink)

Grand plants for crevices of wall and rocks, and also for growing in flower borders or as permanent edgings; excellent plants for the seacoast. June-July.

**ALPINA.** Purple flowers in July. Pkt., 10 cts.

**FORMOSA.** 9 in. Pretty rose pink. Grand for borders. Pkt., 15 cts.

## Asparagus

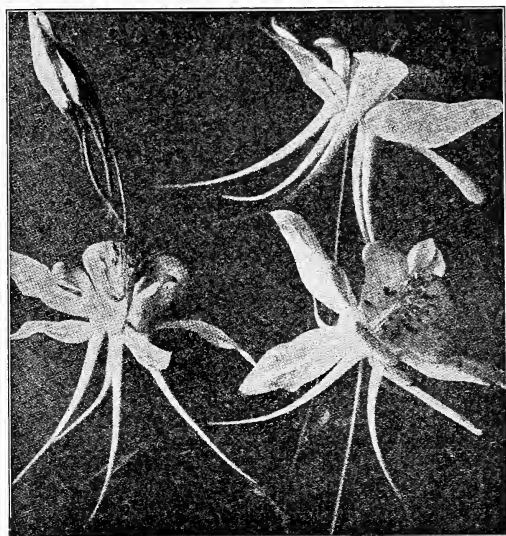
Very graceful plants extensively grown for cutting, the foliage being used in all designs, bouquets, etc.

**PLUMOSUS NANUS.** Pkt., 25 cts.; 50 seeds, 50 cts.; 100 seeds, \$1.00.

**SPRENGERI.** Pkt., 10 cts.; 50 seeds, 30 cts.; 100 seeds, 50 cts.

## Argemone

**GRANDIFLORA** (The Prickly Poppy). 2 ft. Lovely plants with an ornamental foliage and large, handsome poppy-like flowers, snowy white, filled in the center with golden stamens, very beautiful. Pkt., 10 cts.; ¼ oz., 35 cts.



Aquilegia—Long-Spurred Hybrids

## Artemisia

**SACRORUM VIRIDIS** (Summer Fir). Ornamental foliage plant. It forms pyramidal bushes 3 to 5 ft. high. The foliage is a rich, dark green color. Pkt., 15 cts.

## Aubrietia

**LARGE-FLOWERING HYBRIDS** (Rainbow Rock Cress). A beautiful dwarf rock plant, covered with sheets of bright flowers in spring and early summer. Pkt., 15 cts.

## Auricula

**PRIMULA AURICULA.** A well-known favorite of great beauty; seed saved from splendid choice mixed varieties; half hardy perennial. 6 inches. Pkt., 25 cts.

## JOHNSON'S SELECT ASTERS

### Cultural Hints

For early flowering the seed should be started in the house, hot-bed or cold-frame in April, transferring them to their flowering quarters as soon as danger from frost is past. For August and later flowering it is just as well to sow them in the open in May, preferably in a prepared seed bed, transplanting them when two or three inches high to where they are to bloom although they may be sown where they are to flower with equally as good results.

We make a great specialty of this popular flower, securing our stocks from the most skillful growers only, and we confidently recommend them. Aster plants are ready in June.

### Improved American Victoria Asters

(Daybreak)

This is by far the finest of all Asters for beds or borders where an even growth and a mass of flowers are wanted for effect; the sturdy upright plants, 12 to 14 inches high, carry not less than 50 flowers each, producing a mass of color unequalled by any other; blooms from early August till late October. (See cut.)

	Pkt.
<b>DAYBREAK.</b> Delicate La France pink.....	\$0.15
<b>PURITY.</b> Purest white.....	.15
<b>PALE LAVENDER.</b> A delicate shade.....	.15
<b>ROSE-PINK.</b> Rose, shading to blush-pink.....	.15
<b>SALMON-PINK.</b> Rich salmon-pink, exquisite.....	.15
<b>AZUREA.</b> Rich, deep lavender-blue.....	.15
Collection of a packet each of the above 6 colors, 60 cts.	
Choicest Mixed. All colors. Pkt., 10 cts.; ¼ oz., 75 cts.	



American Victoria Asters

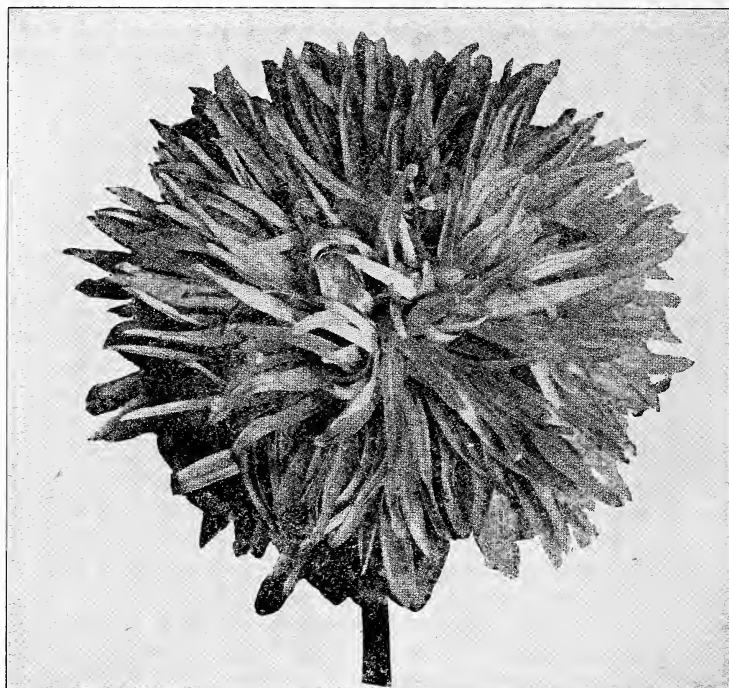


# Johnson's Seeds that Produce

## King Asters

Of the late branching type. Bloom round, full and very large, and of a soft violet shade; stems long and stiff. August and September. 2 to 2½ feet.

	Pkt.
<b>LAVENDER KING.</b> Soft lavender blue. .	\$0.15
<b>PINK KING.</b> An attractive delicate shell pink .....	.15
<b>ROSE KING.</b> A beautiful brilliant rose variety .....	.15
<b>VIOLET KING.</b> A pleasing soft shade of violet .....	.15
<b>WHITE KING.</b> Pure white.....	.15
<b>CRIMSON KING</b> .....	.15
<b>Finest Mixed.</b> Pkt., 10 cts.; ¼ oz., 35 cts.	



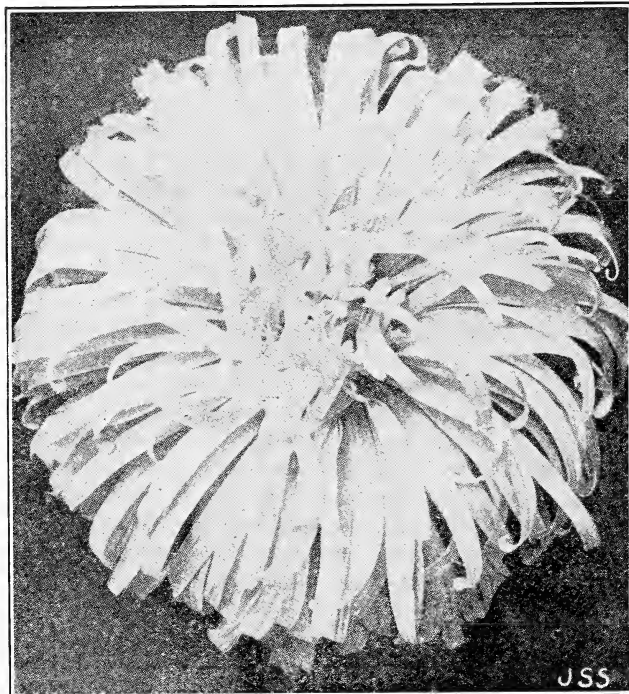
"King" Aster

## Hardy Perennial Asters

**MIXED** (Michaelmas Daisies). Single fall-flowering hardy herbaceous plants, thriving in any good garden soil. If sown early they will flower the first season; 3 ft. Pkt., 15 cts.; ¼ oz., 50 cts.

## Johnson's "Peerless Pink" Aster

This is conceded to be the finest pink late-branching Aster ever offered. The plants are of robust, free-branching habit, and it is hard to find a flower under four inches across, and many measure five inches by two and a half in depth, forming an almost globular flower. Pkt., 15 cts.; 2 pkts., 25 cts.



Crego's Giant Comet Aster

## Royal Asters

A new class of American Aster. Its habit of growth is entirely distinct, the stems growing directly from the ground and not on side-stems from the main stem like other varieties. A medium early bloomer. We offer the following colors: **White, Shell Pink, Rose Pink, Lavender, Purple.** Separate Colors, pkt., 15 cts.; ¼ oz., 55 cts.; ¼ oz., 95 cts. Finest Mixed, pkt., 15 cts.; ¼ oz., 45 cts.; ¼ oz., 75 cts.

## Crego's Giant Comet Asters

We consider this the finest and largest of all Comet Asters, bearing immense fluffy flowers 5 inches and over in diameter, as fine as any Chrysanthemum, and when cut keep in good condition longer than any other of this type. We offer five colors, viz.:

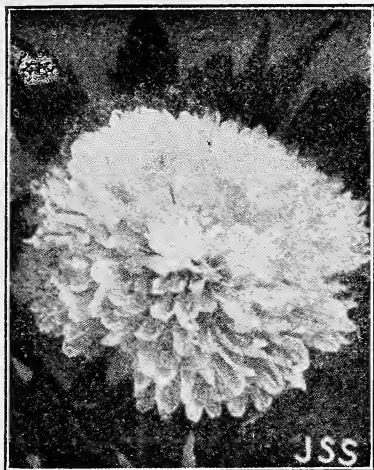
<b>WHITE.</b> Pure white. Pkt., 15 cts.; ¼ oz., 75 cts.
<b>PINK.</b> Delicate shell pink. Pkt., 15 cts.; ¼ oz., 75 cts.
<b>PURPLE.</b> Bright purple. Pkt., 15 cts.; ¼ oz., 75 cts.
<b>ROSE.</b> Rich deep rose. Pkt., 15 cts.; ¼ oz., 75 cts.
<b>LAVENDER.</b> Deep lavender. Pkt., 15 cts.; ¼ oz., 75 cts.
Collection of a packet each of the 5 colors, 60 cts.
<b>Crego's Mixed.</b> All colors, Pkt., 15 cts.; ¼ oz., 60 cts.

## American Beauty Asters

A recently developed late-flowering strain coming into bloom in late September, and being at their best through October the plants grow nearly 3 feet high, and bear their very large, densely double flowers on long, strong stems. We offer four beautiful colors.

<b>CARMINE ROSE.</b> Bright cerise-rose. Pkt., 20 cts.
<b>LAVENDER BEAUTY.</b> Soft lavender. Pkt., 20 cts.
<b>PURPLE BEAUTY.</b> Rich, deep purple. Pkt., 20 cts.
<b>SEPTEMBER BEAUTY.</b> Delicate shell pink. Pkt., 20 cts.
Collection of a packet each of the 4 colors, 65 cts.

ALL FLOWER SEEDS ARE POSTPAID



Semple's Branching

## New California Giant Branching Asters

A splendid new mid-season to late flowering strain, the result of years of painstaking selection by one of California's leading hybridizers; plants grow 3 to 3½ feet high with long, strong stems 18 to 24 inches in length bearing beautifully formed curled and interlaced flowers 5 inches and over across. (See page 33 for prices.)

## Semple's Branching Asters

These are specially valuable for cut flowers, because of their handsome flowers and long stems. They bloom two to three weeks later than most sorts. We offer them in eight separate colors: Pure White, Crimson, Lavender, Peach Blossom, Shell Pink, Bright Pink, Rose, and Dark Purple.

Separate Colors. Pkt., 10 cts.; ¼ oz., 35 cts.

Choicest Mixed. Pkt., 10 cts.; ¼ oz., 30 cts.; ¼ oz., 50 cts.

## Lavender Gem Aster

One of the most beautiful Asters. It is of true Comet type, with large, artistic, loosely-arranged flowers on long, wiry stems and of the most charming shade of lavender imaginable. Begins blooming in July, continuing through August; a lovely variety for cutting. Pkt., 15 cts.; 2 pkts., 25 cts.

## New Red Aster "Sensation"

This is the reddest of all Red Asters, the color being a rich garnet or ox-blood red, which glistens in the sunshine like a live coal. The plants are of free-branching habit, about 18 inches high; the very double flowers averaging 3½ inches across are borne freely on stems a foot long from early in August till the close of September. The intense color shows up well when cut, and makes a very brilliant bit of color in a bed or border. Pkt., 15 cts.; 2 pkts., 25 cts.

## Imperial or Mikado Asters

Similar to the Crego's Giant but dwaffer in growth, and comes into bloom fully two weeks earlier. Height about 18 inches, of branching habit, and the flowers, borne on long, strong stems, are of colossal size, 5 to 6 inches across being the rule. MIKADO PINK or ROCHESTER. Pkt., 15 cts. MIKADO WHITE. Of purest glistening white. Pkt., 15 cts. MIKADO MIXED. Pkt., 10 cts.

## Astermum Asters

A strain of Comet Asters which, on account of their size and chrysanthemum-like appearance, have appropriately been named Astermums. The plants grow about 2 feet high, and come into borne freely on stems a foot long from early in August till the close of September. The intense color shows up well when cut, and makes a very brilliant bit of color in a bed or border. Pkt., 15 cts.; 2 pkts., 25 cts.

**LAVENDER.** A rich shade of lavender or light violet. Pkt., 15 cts.

**PINK.** A very attractive shade of lively rose pink. Pkt., 15 cts.

**WHITE.** Purest snow white. Pkt., 15 cts.

A packet of each color for 35c.

## Queen of the Market Asters

This variety is about two weeks earlier than most other sorts. The flowers are quite large, very double, and are valuable for cut flower purposes. The following are the most distinct colors: Pure White, Blush Pink, Bright Pink, Rose, Dark Blue, Lavender, Light Blue, and Crimson. Any Color, pkt., 10 cts.; ¼ oz., 35 cts. Mixed Colors, pkt., 10 cts.; ¼ oz., 30 cts.; ¼ oz., 50 cts.

## China Asters

**GENERAL MIXTURE.** This mixture was saved from the many double flowering sorts grown the past season. Pkt., 10 cts.; ¼ oz., 40 cts.

## Ostrich Plume Asters

The finest type of the Giant Comet or Ostrich Feather type of Aster. Much larger than the Giant Comet, the petals longer, more twisted, and produced in greater abundance. Borne on long stems, they make cut flowers par excellence. We offer the following colors: White, Delicate Pink, Dark Blue, Light Blue, Crimson.

Separate Colors .....Pkt., 10 cts.; ¼ oz., 40 cts.

Finest Mixed .....Pkt., 10 cts.; ¼ oz., 35 cts.

## Balloon Vine (Love in a Puff)

**H. H. A.** Climber; rapid grower; flowers white; seed-pods shaped like miniature balloons. Seed should be sown in March and planted in the open, latter part of May or June in sunny location.

**WHITE.** 7 feet.....Pkt., 10 cts.; ¼ oz., 20 cts.

**BABY'S BREATH** (See Gypsophila)

## Balsam (Lady Slipper)

**H. H. A.** Plants of pyramidal growth bearing rose-like flowers which cover the whole plant; flowers profusely all summer. In soil well fertilized excellent results will be obtained. 2 feet.

**DOUBLE PRIZE WINNER MIXTURE**.....Pkt., 10 cts.; ¼ oz., 60 cts.

**DOUBLE CAMELLIA FLOWERED—Finest Mixed**.....Pkt., 10 cts.; ¼ oz., 50 cts.

**DOUBLE ROSE FLOWERED—Finest Mixed**.....Pkt., 10 cts.; ¼ oz., 20 cts.

## Beans

**H. A.** Climber. Flowers from July to September. Very ornamental, thriving in any ordinary soil.

**SCARLET RUNNER.** 8 feet.....Pkt., 10 cts.

**WHITE RUNNER.** 8 feet.....Pkt., 10 cts.

**BUTTERFLY RUNNER.** Large pink and white blossoms.....Pkt., 10 cts.



Balsam (Lady Slipper)



## BEGONIA

### Ever-blooming Bedding Varieties

They are of sturdy growth, growing about 1 foot high and forming dense bushes, which from May until frost are completely hidden with flowers. As pot-plants for winter flowering they are superb, remaining a sheet of bloom throughout the entire year. The seed being very fine, should be sown on top of box, pressed in soil, not covered.

**GRACILLIS ROSEA.** Bright rose color. Pkt., 25 cts.

**PRIMA DONNA.** Flowers of a light rose, shading deeper toward center. Pkt., 25 cts.

**PINK BEAUTY.** Delicate pink with dark foliage. Pkt., 25 cts.

**LUMINOSA.** Large, bright, deep scarlet flowers; satiny brownish red foliage. Pkt., 25 cts.

**ALBA.** Pure white. Pkt., 25 cts.

**SEMPERFLORENS VERNON.** Scarlet flowers. Pkt., 25 cts.

**ERFORDII GRANDIFLORA SUPERBA.** Plants compact and bushy, have glossy foliage and are literally covered with most delicate pink flowers. Pkt., 50 cts.

**ERFORDII RUBRA.** New. Deep red. Pkt., 50 cts.

### Tuberous-rooted Varieties

**SINGLE TUBEROUS-ROOTED MIXED.** Saved from finest exhibition varieties, all having large, well-formed flowers of many brilliant shades of color. Pkt., 35 cts.

**DOUBLE TUBEROUS-ROOTED MIXED.** Produced on strong erect stems, an abundance of very brilliant double flowers, ranging from brilliant rose to carmine, often with white margin or mottling. Very striking. Pkt., 50 cts.

**FRILLED TUBEROUS-ROOTED.** Seed saved from selected, best frilled flowers. Pkt., 35 cts.

## Bellis Perennis

(Double Daisy)

H. P. Are favorite perennials. Seed should be sown from June 1st until September, transplanted in the fall and protected during the winter, and they will flower the following spring. If sown in the spring they will flower in the autumn. 4 inches.

**FINEST MIXED.** Extra. 4 in. Pkt., 10 cts.; ¼ oz., \$1.25.

**LONGFELLOW.** Bright rose. 4 in. Pkt., 15 cts.; ¼ oz., \$1.50.

**SNOWBALL.** Pure white. 4 in. Pkt., 15 cts.; ¼ oz., \$1.50.

**GIANT RED, MAXIMA FL. PL.** Extra fine. 4 in. Pkt., 25 cts.

**MONSTROSA ALBA.** Giant pure white. Pkt., 15 cts.

**MONSTROSA ROSEA.** Giant rose. Pkt., 15 cts.

**MONSTROSA.** Finest mixed. Pkt., 15 cts.

## Bocconia

**CORDATA (Plume Poppy).** 5 ft. A handsome border plant, having large lobed heart-shaped leaves with silvery under surface and flower plumes of a pretty cream color. Pkt., 10 cts.; ¼ oz., 30 cts.

## Boltonia

(False Chamomile)

H. P. This aster-like hardy plant is useful for cutting, remaining in bloom a long time.

**LATISQUAMA.** Delicate pink. Pkt., 10 cts.; ¼ oz., 75 cts.

## Brachycome

(Swan River Daisy)

A. Free-flowering, dwarf-growing annual with pretty blue or white flowers. Pkt., 10 cts.; ¼ oz., 50 cts.

## Browallia

H. A. Excellent free-flowering, verbena-like flowers. Flowering all summer in the open, also excellent house plants for winter use. 18 inches.

**ELATA FINEST MIXED.** Pkt., 10 cts.; ¼ oz., 30 cts.

**SPECIOSA MAJOR.** Extra large; deep blue. Pkt., 15 cts.

## Calceolaria

Flowers borne in clusters of pocket-like lobes of various self colors and handsome spotted varieties. Especially adapted for house and greenhouse culture, making excellent exhibition plants.

**JOHNSON'S PRIZE MIXED.** 1½ ft. The gorgeous beauty of these flowers renders them indispensable for greenhouse decoration. Is a very desirable flower. Bears a large profusion of small, pocket-shaped flowers, which are beautifully tigered or spotted. 300 seeds. Pkt., 50 cts.

**RUGOSA AUREA (Rain of Gold).** Golden shades for bedding. Pkt., 25 cts.

**RUGOSA MIXED.** Includes nearly all the beautiful shades for bedding. Pkt., 25 cts.



Brachycome—Swan River Daisy

## Calendula

(Pot Marigold)

H. A. Large double flowers, blooming all summer, closing somewhat at night and opening slightly on cloudy days; flowers borne on long, stiff stems. 2 ft.

**METEOR.** Large double yellow, each petal striped with orange. Oz., 40 cts.

**PRINCE OF ORANGE.** Like Meteor, but darker. Pkt., 10 cts.; oz., 45 cts.

**ORANGE KING.** Very large, double, dark orange. Pkt., 10 cts.; oz., 50 cts.

**DOUBLE SULPHUR.** Very large and extremely double flowers of a pleasing sulphur yellow color. Pkt., 10 cts.; oz., 45 cts.

**BALL'S FORCING.** This new orange Calendula represents a very great improvement in size, length of stem and fullness of flowers. It has exhibited these superior characteristics uniformly for the past four years. Pkt., 25 cts.; ¼ oz., 85 cts.

**FINEST MIXED.** Pkt., 10 cts.; oz., 35 cts.

## Calliopsis

One of the most effective of our hardy annuals; very showy in open garden and excellent for cutting; flowers borne on individual stems 18 inches in length. 2 ft.

**GOLDEN WAVE (Drummond).** Rich golden yellow with small chestnut brown center; very free: 12 inches. Pkt., 10 cts.; ¼ oz., 50 cts.

**CRIMSON KING.** A fine dwarf sort, 9 inches high, color rich velvety crimson-garnet. Pkt., 10 cts.; ¼ oz., 50 cts.

**TIGER STAR.** Plants not over 9 inches high, flowers of rich reddish-brown, tigered with golden yellow; not unlike some of the orchids. Pkt., 10 cts.; ¼ oz., 50 cts.

**CHOICEST MIXED.** Pkt., 10 cts.; ¼ oz., 50 cts.

**CALIFORNIA POPPY.** See Eschscholtzia.

ALL FLOWER SEEDS ARE POSTPAID





## CAMPANULA or BLUEBELLS

### Perennial Varieties

These are among our best-known hardy perennials. The tall varieties are fine for cutting, while the dwarf sorts make excellent border plants. All have dainty bell-shaped flowers. Some of the varieties offered will flower the first season from seed if sown early.

**CARPATICA.** This variety is largely used for edging. Flowers of deep blue all summer. Height about 6 inches. Pkt., 15 cts.; ¼ oz., \$1.00.

**CARPATICA ALBA.** The white-flowered form of the above. Pkt., 15 cts.; ¼ oz., \$1.00.

**MACRANTHA.** Blue. Pkt., 10 cts.; ¼ oz., \$2.50.

**PERSICIFOLIA GRANDIFLORA, BLUE** (Peach Bells). One of the finest of the hardy bellflowers; grows 2 to 3 feet high, with large blue flowers. Pkt., 15 cts.; ¼ oz., \$2.50.

**PERSICIFOLIA GRANDIFLORA ALBA.** The white-flowered form of the above. Pkt., 15 cts.; ¼ oz., \$3.00.

**PYRAMIDALIS** (Chimney Bellflower). Spikes 3 to 4 feet tall; erect, pyramidal flowers, large and of beautiful blue. Pkt., 15 cts.; ¼ oz., \$1.00.

**PYRAMIDALIS, WHITE** Pkt., 15 cts.; ¼ oz., \$1.00.

### Campanula Medium (Canterbury Bells)

These are strictly biennials, and require to be sown from June 1 to September 1; when strong enough, transplant to a distance of 6 inches apart, after frost has set in protect with leaves and straw. They flower the following June, after which they die.

	Pkt.	¼ Oz.		Pkt.	¼ Oz.
<b>SINGLE WHITE</b> .....	\$0.10	\$0.50	<b>SINGLE STRIPED</b> .....	\$0.10	\$0.50
<b>SINGLE ROSE</b> .....	.10	.50	<b>SINGLE MIXED</b> .....	.10	.50
<b>SINGLE BLUE</b> .....	.10	.50	<b>DOUBLE MIXED</b> .....	.15	1.00

### Campanula Calycanthema (Cup-and- Saucer)

These produce beautiful, large, single flowers resembling a cup and saucer; they require the same treatment as Campanula Medium.

	Pkt.	¼ Oz.		Pkt.	¼ Oz.
<b>BLUE</b> .....	\$0.15	\$1.00	<b>ROSE</b> .....	\$0.15	\$1.00
<b>WHITE</b> .....	.15	1.00	<b>STRIPED</b> .....	.15	1.00
			<b>MIXED</b> .....	.15	.75

### Canary Bird Vine

A. Grows 15 to 20 ft. A dainty vine with beautiful cut leaves and pretty delicate flowers of a clear canary yellow. From the color of its blossoms and also from a fancied resemblance of their shape to a bird with wings expanded, the plant obtained its common name. Does well in the shade. Pkt., 10 cts.; ¼ oz., 40 cts.

### Cardinal Climber

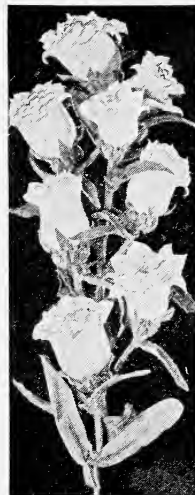
Beautiful and distinct annual climber. It is a strong and rapid grower, attaining height of 30 feet or more, with a beautiful, deeply lacinated foliage, and literally covered with a blaze of circular fiery cardinal red flowers from mid-July till frost. The flowers are about 1½ inches in diameter and are borne in clusters of 5 to 7 blooms each. Pkt., 15 cts.; ¼ oz., \$1.00.



Cardinal Climber

**unirogen**  
FERTILIZER FOR SIMULANT

See page 72.



Canterbury Bells

### CANDYTUFT

#### Annual Varieties

H. A. Admirably adapted for borders. They come into flower early and bloom profusely for a long period. Very popular also for cutting. Our strains of Candytuft are the best obtainable.

**GIANT HYACINTH-FLOWERED WHITE.** 1 ft. A grand border plant, bearing very large, bold spikes of snowy white flowers, habit sturdy and compact. This is an especially select stock. Pkt., 10 cts.; ¼ oz., 35 cts.; oz., \$1.00.

**EMPRESS.** Pure white, splendid cut flowers. Pkt., 10 cts.; ¼ oz., 25 cts.

**CRIMSON.** Rich deep shade. Pkt., 10 cts.; ¼ oz., 40 cts.

**PURPLE.** 1 foot. Pkt., 10 cts.; ¼ oz., 40 cts.

**CARMINEA.** Carmine, 1 ft. Pkt., 10 cts.; ¼ oz., 40 cts.

**CARNEA.** Flesh colored, 1 ft. Pkt., 10 cts.; ¼ oz., 40 cts.

Scented, pkt., 10 cts.; ¼ oz., 35 cts.

**MIXED COLORS.** A splendid mixture. Pkt., 10 cts.; ¼ oz., 25 cts.

### Perennial Varieties

H. P. Plants very compact, blooming early in the spring; excellent for bordering perennial gardens.

**SEMPERVIRENS.** A beautiful perennial of trailing habit, covered with white flowers in spring. Pkt., 10 cts.; ¼ oz., 75 cts.

**GIBALTARICA HYBRIDS.** A dwarf, compact form, with purple and white flowers. 1 ft. Pkt., 10 cts.; ¼ oz., 40 cts.

### Canna

**DWARF FRENCH MIXED.** Dark leaved sorts. Pkt., 10 cts.; oz., 35 cts.

### Carnations

These are general favorites for their richness of color and delightful fragrance; they are desirable for greenhouse culture in winter as well as for the garden in summer.

**CHABAUD'S EVERBLOOMING, MIXED.** Blooms in five months after being sown, and continues to flower in the greatest profusion indefinitely. Pkt., 25 cts.; ¼ oz., 80 cts.

**CHOICE MIXED.** Double border varieties. Pkt., 15 cts.; ¼ oz., 60 cts.

### Marguerite Carnations

These are the most satisfactory of the annual pinks, and will bloom in four months after sowing the seed. The flowers are large, fragrant and are produced continuously. If slightly protected they will survive an ordinary winter and bloom the following spring.

<b>WHITE</b> .....	Pkt., 10 cts.; ¼ oz., 40 cts.
<b>YELLOW</b> .....	Pkt., 10 cts.; ¼ oz., 40 cts.
<b>PINK</b> .....	Pkt., 10 cts.; ¼ oz., 40 cts.
<b>SCARLET</b> .....	Pkt., 10 cts.; ¼ oz., 40 cts.
<b>CHOICE MIXED</b> .....	Pkt., 10 cts.; ¼ oz., 25 cts.; oz., \$1.50





# Johnson's Seeds that Produce



Celosia (Cockscomb) Thompson's Superb

## Celosia Plumosa

(Feathered Cockscomb)

Make fine plants for large beds or groups, and the plumes or flowers can be cut and dried for winter bouquets. Should be treated exactly the same as Cockscombs.

**THOMPSON'S SUPERB** (Triomphe de l'Exposition). Of pyramidal growth, attaining a height of 3 feet, and producing graceful, feathery plumes of the most brilliant crimson. Pkt., 10 cts.;  $\frac{1}{4}$  oz., 30 cts.

**CHILDSI** (Woolflower). Bloom starts early with a center head, round and globular, which at times reaches the immense size of 2 feet in circumference. When in full bloom looks like an immense bouquet. Deep crimson scarlet or pink. Plant 2 to 3 feet high. Pkt., 15 cts.; 2 pkts., 25 cts.

**THOMPSON'S MAGNIFICA**. Similar to the preceding, but ranging in color from the clearest yellow to the darkest blood red. Pkt., 15 cts.;  $\frac{1}{4}$  oz., 50 cts.

**GOLDEN PLUME**. Bright golden yellow plumes. Pkt., 10 cts.;  $\frac{1}{4}$  oz., 30 cts.

**PLUMOSA, MIXED**. Feathered varieties in all colors. Pkt., 10 cts.;  $\frac{1}{4}$  oz., 25 cts.

## Celosia Cristata

(Cockscomb)

Free-flowering annuals, growing best in rather light soil, not too rich; make grand border plants and are attractive for pots. Seed can be sown under cover in early spring and planted out in May, or sown out of doors in May.

**EMPRESS**. Rich crimson; combs of colossal proportions. Pkt., 10 cts.

**GLASGOW PRIZE**. Immense, showy dark crimson combs. Pkt., 10 cts.

**QUEEN OF THE DWARFS**. This we consider the finest of dwarf-growing Cockscombs. The plants grow only 8 inches high; beautiful dark rose combs. Pkt., 10 cts.

**DWARF, MIXED**. Fine dwarf varieties. Pkt., 10 cts.;  $\frac{1}{4}$  oz., 50 cts.

## Cerastium

(Snow-in-Summer)

**TOMENTOSUM**. H. P. A very pretty dwarf, white-leaved edging plant, bearing small white flowers; hardy perennial. Pkt., 15 cts.

## CENTAUREAS

There is, perhaps, no more popular annual than the Centaurea. Will grow well anywhere and as a cut flower is much in demand.

### Double Cornflowers

(Centaurea Cyanus)

These are also known as Blue Bottle, Bachelor's Buttons, Ragged Sailor, bluet and sometimes referred to as Ragged Robin. As Ragged Robin is also a name given to *Lychnis*, we suggest patrons ordering by botanical name to avoid confusion. We offer a much improved strain of this beautiful flower in a better range of colors, with large flowers. The seed may be sown outdoors in April, and several sowings will give a succession of bloom. For best results, thin out plants to stand 8 inches apart.

Blue	Rose Pink	White
Maroon	Mauve	Rosy Red

Any of the above colors, pkt., 10 cts.;  $\frac{1}{4}$  oz., 30 cts.; oz., 75 cts.

Collection: One packet each of above 6 colors, 50 cts.

**DOUBLE MIXED**. A mixture of all the above colors. Pkt., 10 cts.;  $\frac{1}{4}$  oz., 25 cts.

**SINGLE MIXED**. A mixture of single-flowering Cornflowers, all colors. Pkt., 10 cts.;  $\frac{1}{4}$  oz., 25 cts.

### Giant Sweet Sultans

(Centaurea imperialis)

This beautiful class is undoubtedly the finest of all the Sweet Sultans for cutting purposes. Beautiful, deliciously sweet-scented flowers are borne on long, strong stems and are particularly striking, lasting several days after cutting. We recommend sowing in succession every two weeks from May until July, thereby giving a continuous bloom from summer to fall.

**IMPERIALIS, WHITE**. Large and exquisitely sweet-scented.

**IMPERIALIS, PINK**. Pink, with tinge in center.

**IMPERIALIS, PURPLE**. Brilliant rosy purple.

**IMPERIALIS, LILAC**. Beautiful lilac.

**IMPERIALIS, RED**. New. Deep amaranth red.

**IMPERIALIS, YELLOW** (Suaveolens). Bright yellow.

**IMPERIALIS, MIXED**. A select mixture of above colors.

Any of the above colors, or mixed, pkt., 15 cts.;  $\frac{1}{4}$  oz., 50 cts.

Collection: One packet each of above 6 colors, 50 cts.

### White-leaved Centaureas

(Dusty Millers)

Extensively used for edging of beds or borders of the flower garden. The glistening white, contrasted with the bright color of the coleus, salvia or red canna, is very striking.

**CANDIDISSIMA**. This hardy, rapid-growing annual is only grown for its foliage, which is very lanced and silver coated. An excellent edging plant. Pkt., 10 cts.;  $\frac{1}{4}$  oz., 75 cts.

**GYMNOCARPA** (Dusty Miller). Leaves fern-like; a trifle taller than Candidissima. Pkt., 10 cts.;  $\frac{1}{4}$  oz., 50 cts.



Giant Sweet Sultans (Centaurea imperialis)

ALL FLOWER SEEDS ARE POSTPAID.



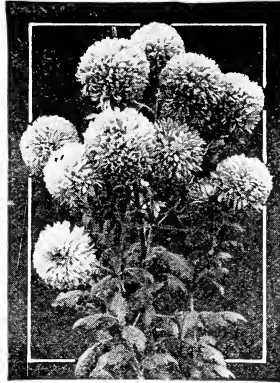
## Various Centaureas

**AMERICANA.** The stems, foliage and flowers of this Cornflower are gigantic in size compared with the regular sorts. The flowers, which appear thistle-like, attain the size of 4 inches when fully expanded and are of a splendid, deep lavender color, making an excellent subject for garden decoration or cuttings. Like the Cyanus, it is easily flowered from seed sown outdoors; plants should be placed at least 1 foot apart. Height 3 feet. Pkt., 15 cts.; ¼ oz., 50 cts.

**MACROCEPHALA.** This is a hardy perennial variety with large, thistle-like, golden yellow flowers, useful for cutting and fine for the hardy border. Blooms during July and August. 3½ ft. Pkt., 10 cts.; ¼ oz., 50 cts.

**MONTANA** (Perennial Cornflower). Grows 2 feet high, bearing large, violet-blue flowers from July to September. Pkt., 10 cts.; ¼ oz., 50 cts.

**MONTANA ALBA.** Large white form of the above. Pkt., 15 cts.; ¼ oz., 75 cts.



Hardy Pompom Chrysanthemum

## Chrysanthemum

**SINGLE MIXED.** Annual. Large range of colors. Pkt., 10 cts.; oz., 50 cts.

**DOUBLE MIXED CORONARIUM.** Annual. Pkt., 10 cts.; oz., 65 cts.

**HARDY POMPOM.** A fine strain of the old-fashioned hardy fall-flowering sorts, with double button-like blossoms. Mixed colors. Pkt., 25 cts.

## Clarkia

**H. A.** Flowers are borne along the woody stem. Plants attain a height of 15 inches; of branching habit and easy of cultivation.

**ELEGANS.** Double. Finest Mixed, Pkt., 10 cts.; ¼ oz., 35 cts.

**ALBA.** Pure white. Pkt., 10 cts.

**BRILLIANT.** Carmine. Pkt., 10 cts.

**SALMON QUEEN.** Salmon pink. Pkt., 10 cts.

**SCARLET.** Orange scarlet. Pkt., 10 cts.

## Cleome

(Spider Plant)

Biennial used as an annual, flowering the first season. Flowers are a delicate rose color. Seed should be sown in March outdoors.

**GIGANTEA HYBRIDA.** Giant Hybrids in an assortment of colors, often 4 to 5 ft. in height. Pkt., 10 cts.; ¼ oz., 75 cts.

**CLOVE PINKS.** See *Dianthus*.

## Cobæa

**H. A.** One of the best annual climbers, attaining a height of 15 feet. Flowers bell-shaped, about 3 inches in diameter. Fine for piazza trellises and will grow indoors throughout the winter.

**SCANDENS.** Pich purple. Pkt., 10 cts.; ¼ oz., 30 cts.

**SCANDENS ALBA.** White. Pkt., 10 cts.; ¼ oz., 50 cts.

**COCKSCOMB.** See *Celosia*.

## Coleus

**CHOICE HYBRIDS.** A. Our strain produces the finest colored, most attractive and novel foliage plants for house or garden culture. Easily raised. Sow indoors in March or April. Pkt., 25 cts.

## Convolvulus

(Morning Glory)

Major or tall varieties. One of the most popular annual climbers, growing about 15 feet in height and thriving in almost any situation.

**MIXED.** The ordinary variety. Pkt., 10 cts.; oz., 20 cts.

**DOUBLE FLOWERING.** Mixed colors. Pkt., 10 cts.; oz., 60 cts. Imperial Japanese or Emperor Morning Glories, see *Ipomea*.



Annual Chrysanthemums

## Cheiranthus

**ALLIONII** (Siberian Wallflower). A very pretty biennial growing about 12 inches high with heads of brilliant orange flowers from May to midsummer. Very effective in the rockery. Usually blooms the first year from seed. Pkt., 15 cts.

## Cineraria Hybrida

**H. A.** Among the most useful and ornamental of plants that can be grown for hothouse or conservatory decoration. Sow seed from July to September. Young plants require cool location and abundance of water, especially when in bloom.

**KELWAY'S MODEL.** Large-flowering prize strain. Unsurpassed for color and form. 1½ ft. Pkt., 75 cts.

**HYBRIDA GRANDIFLORA.** Seed saved only from the choicest specimens. Pkt., 30 cts.

**HALF DWARF PRIZE MIXED.** Dwarf foliage; large flowers. Pkt., 50 cts.

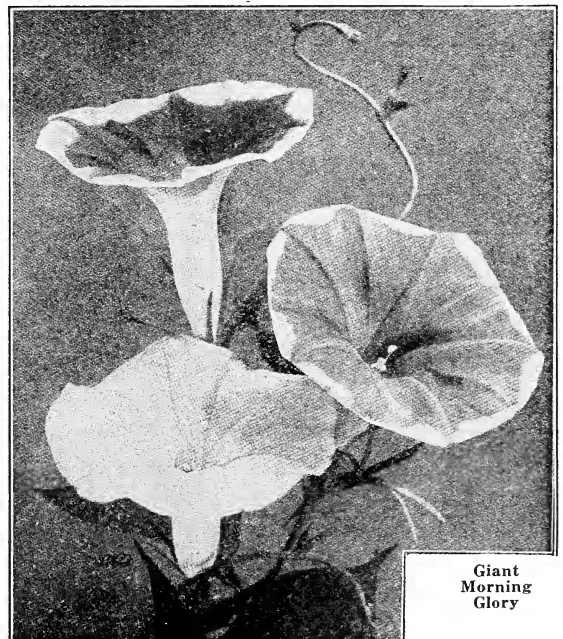
**STELLATA MIXED** (Star Cineraria). A charming sort for house decoration. Pkt., 25 cts.

**WHITE-LEAVED CINERARIA** (Dusty Miller).

**MARITIMA CANDIDISSIMA.** Pkt., 10 cts.; ¼ oz., 50 cts.

## Coreopsis

**LANCEOLATA GRANDIFLORA.** This is one of the finest of hardy plants, with large, showy bright yellow flowers, produced in the greatest abundance from June till frost. Unsurpassed for cutting. Pkt., 10 cts.; ¼ oz., 25 cts.



Giant Morning Glory



# Johnson's Seeds that Produce

## COSMOS

For other varieties, see pages 34 and 35.

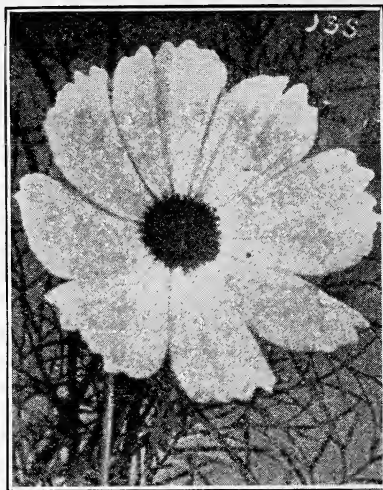
**Cultural Directions.** Sow in the open ground about May 1st. Extra early sorts will bloom the latter part of July, two months before the late-flowering kinds. By careful selection the early varieties will have flowers as large as the late-flowering kinds, and will undoubtedly perfect their blooms in the most northerly states.

### Extra Early Colossal or Midsummer Giant Cosmos

**EARLY CRIMSON.** Very rich.....Pkt., 10 cts.; ¼ oz., 30 cts.  
**EARLY PINK.** A pretty shade.....Pkt., 10 cts.; ¼ oz., 30 cts.  
**EARLY PURE WHITE.**.....Pkt., 10 cts.; ¼ oz., 30 cts.  
 A packet each of the 3 colors for 25 cts.  
**EARLY MIXED.** All colors.....Pkt., 10 cts.; ¼ oz., 25 cts.; oz., 75 cts.

### Autumn Giant Cosmos

This popular autumn flower bears gigantic flowers, with wide, overlapping petals, making perfectly circular flowers, which are borne on long stems. This type produces the largest and finest blooms in September and October.  
**GIANT PINK.** A beautiful deep rosy pink.....Pkt., 10 cts.; ¼ oz., 25 cts.  
**GIANT WHITE.** The white-flowered form of the above.....Pkt., 10 cts.; ¼ oz., 25 cts.  
**GIANT CRIMSON.** Rich crimson.....Pkt., 10 cts.; ¼ oz., 25 cts.  
 A packet each of the 3 colors, 25 cts.  
**GIANT MIXED.** Contains an even proportion of the 3 colors. Pkt., 10 cts.; ¼ oz., 20 cts.; oz., 60 cts.



Colossal Cosmos

## Cyclamen (Alpine Violet)

Charming house plants, with beautiful foliage and rich colored fragrant flowers; universal favorites for winter and spring blooming. May be successfully raised from seed with a little care and patience. 1 ft.  
**GIANT FLOWERED CYCLAMEN.** Mixed, extra choice, 10 seeds, 30 cts.; 20 seeds, 50 cts.; 100 seeds, \$2.00.

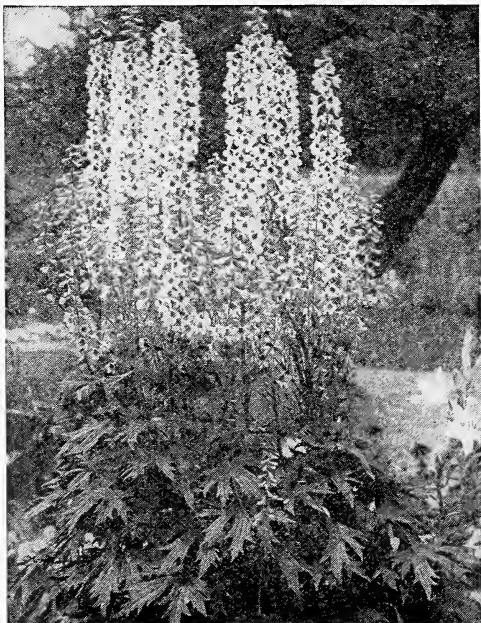
## Cypress Vine

A popular climber noted for dainty fern-like foliage and star-shaped flowers.  
**FINEST MIXED.** White and scarlet. Pkt., 10 cts.; ¼ oz., 25 cts.

## Shasta Daisy

(See also Bellis Perennis)

One of Burbank's productions which has become very popular. Many types are found in our stock, all very desirable. Pkt., 10 cts.; ¼ oz., 50 cts.



Delphinium—Hardy Larkspur

## Dahlia

A half hardy perennial, flowering the first year, blooming as early and as freely as if grown from tubers.

**COLLARETTE.** Finest mixed. Pkt., 25 cts.  
**DOUBLE CACTUS.** Finest mixed. Very desirable. Pkt., 25 cts.  
**FINEST DOUBLE MIXED.** From choicest flowers. Pkt., 15 cts.; ¼ oz., 50 cts.  
**FINEST SINGLE MIXED.** Best varieties only. Pkt., 10 cts.; ¼ oz., 30 cts.

## Delphinium

H. P. These are hardy Larkspurs of the old-fashioned garden, much improved by the addition of many new colors and forms. Magnificent blues predominate although other attractive shades are not wanting. The plants are tall and stately, blooming from late June until October. July and August are good months for outdoor sowing, although many varieties will bloom the first season from seed sown in early spring. A fairly rich soil and sunny situations suit them best.

**GOLD MEDAL.** Hybrids. (Perennial Larkspur.) This is a mixture of twelve of Blackmore & Langdon's finest varieties grown separately and seed mixed after harvest. The plants are of strong, vigorous habit, with immense spikes from 2 to 3 ft. long. Pkt., 15 cts.; ¼ oz., 60 cts.

**BELLADONNA** (Everlasting Hardy Larkspur). This is the freest and most continuous blooming hardy Larkspur from June until frost. Clear turquoise blue unequalled for the hardy border. Pkt., 25 cts.; ¼ oz., \$1.25.

**BELLAMOSUM.** This is a rich, deep blue form of the popular light blue Belladonna, having the same free-blooming and other good qualities. Pkt., 25 cts.; ¼ oz., \$1.50.

**CHINESE** (Blue Butterfly). A distinct and neat variety, growing about 18 inches high, with fine feathery foliage, and producing spikes of large blossoms of intense gentian blue. Pkt., 10 cts.; ¼ oz., 40 cts.

**ALBUM.** The white-flowered form of the preceding. Pkt., 10 cts.; ¼ oz., 40 cts.

**DOUBLE HYBRIDS.** Finest double mixed in great variety of charming colors. Pkt., 15 cts.; ¼ oz., 75 cts.

## Dictamnus

(Dittany or Gas Plant)

H. P. Flowers formed on long spikes; the leaves are thick and if rubbed emit a pleasing fragrance.

**FRAXINELLA.** 3 feet. An old and beautiful plant with ash-like foliage and large spikes of deep pink, purple veined flowers, excellent for cutting. 3 feet. Pkt., 15 cts.; ¼ oz., 40 cts.

## Dimorphotheca

(African Golden Daisy)

**AURANTIACA.** Glossy orange gold. Pkt., 10 cts.; ¼ oz., 50 cts.

**NEW HYBRIDS.** White and yellow shades. Pkt., 10 cts.; ¼ oz., 50 cts.



Dianthus

## Eschscholtzia (California Poppy)

One of the best annuals for bedding, having large, poppy-like flowers varying in different shades of white and yellow. Foliage is very finely cut and the plants bloom from early summer till frost.

**CALIFORNICA.** Yellow, orange center. Pkt., 10 cts.; ¼ oz., 50 cts.

**CARMINE KING.** Deep carmine. Pkt., 10 cts.; ¼ oz., 50 cts.

**GOLDEN WEST (Maritima).** Bright orange yellow. Pkt., 10 cts.; ¼ oz., 50 cts.

**SCARLET BEAUTY.** Petals deep scarlet inside, lighter on outside. Pkt., 10 cts.; ¼ oz., 50 cts.

**TANGO.** Bronzy red overlaid with terra cotta. Pkt., 10 cts.; ¼ oz., 50 cts.

**VESUVIUS.** Rich coppery red which glistens in the sunlight. Pkt., 10 cts.; ¼ oz., 50 cts.

**SINGLE FLOWERED, MIXED.** Extra fine. Pkt., 10 cts.; ¼ oz., 35 cts.

**DOUBLE FLOWERED, MIXED.** Very good semi-double flowers. Nice for bedding or for massing. Pkt., 10 cts.; ¼ oz., 35 cts.

## Eupatorium (Thoroughwort)

**AGERATOIDES.** 2 feet. Pure white ageratum-like flowers; does well in shade. Pkt., 10 cts.

## Euphorbia

Exceedingly ornamental foliage and inconspicuous flowers. Very effective in beds and borders. Prefers full sun, but will grow in rather poor soil.

**VARIEGATA (Snow on the Mountain).** H. A. Fine for bordering, with its clusters of white flowers and foliage variegated green and white. 24 inches. Pkt., 10 cts.; ¼ oz., 50 cts.

**HETEROPHYLLA (Mexican Fire Plant).** Pkt., 15 cts.; ¼ oz., 40 cts.

## Fern Spores

Fine mixed greenhouse varieties. Pkt., 25 cts.

## Fuchsia

Double and single varieties mixed. Saved from a prize collection. Pkt., 50 cts.

**FEVERFEW.** See *Matricaria*.

**FORGET-ME-NOT.** See *Myosotis*.

**FOUR O'CLOCK.** See *Marvel of Peru*.

**FOXGLOVE.** See *Digitalis*.

## Dracaena (Dragon Plant)

**INDIVISA.** Beautiful ornamental leaved plants; long, narrow, green foliage; indispensable for vases and house decorations. Pkt., 10 cts.; ¼ oz., 35 cts.

## Dianthus (Divine Flower)

### DOUBLE ANNUAL PINKS

**CHINA OR INDIAN PINKS** (*Dianthus chinensis*). Flowering from early summer to fall; strong, sturdy growers, suitable for beds and borders. Flowers very double and in unlimited variety of colors on long, stiff stems. Finest mixed. Pkt., 10 cts.; ¼ oz., 25 cts.

**JAPANESE PINKS** (*D. Heddewigii* and varieties). A beautiful class of sturdy growing plants, 10 to 12 inches high and of the same width; handsomely marbled and mottled flowers in all imaginable colors; 2 inches and over in diameter. Finest mixed. Pkt., 10 cts.; ¼ oz., 75 cts.

**DIADLEM PINKS.** Very large, showy flowers, beautifully marked and flaked. Splendid mixed. Pkt., 10 cts.; ¼ oz., 50 cts.

**ROYAL PINK.** A beautiful class for cutting; flowers large and exceedingly fragrant, very double and on long stems; colors range from white to rose, and scarlet to blood red. Pkt., 10 cts.; ¼ oz., 50 cts.

**DOUBLE FIREBALL.** Brilliant scarlet; very compact and floriferous vines; for massing. Pkt., 15 cts.; ¼ oz., 75 cts.

### SINGLE ANNUAL PINKS

**CRIMSON BELLE.** Large, handsome, dark red flowers. Pkt., 10 cts.; ¼ oz., 50 cts.

**EASTERN QUEEN.** Flowers marbled rose and white. Pkt., 10 cts.; ¼ oz., 50 cts.

**SINGLE ROYAL PINK.** Large flowers; petals fringed and crimped. Blood red to white in color. Finest mixed. Pkt., 10 cts.; ¼ oz., 40 cts.

**"SALMON QUEEN."** The well formed, nicely fringed flowers are a brilliant salmon color changing into a salmon rose when fading. Pkt., 10 cts.; ¼ oz., 50 cts.

**VESUVIUS.** Brilliant geranium red; makes a very effective bed or border. Pkt., 10 cts.; ¼ oz., 50 cts.

**SINGLE PINKS, MIXED.** Pkt., 10 cts.; ¼ oz., 30 cts.

### HARDY GARDEN PINKS

Very desirable for beds, borders, cemetery planting, etc. The flowers are highly prized for their spicy, refreshing odor.

**PLUMARIUS CYCLOPS (Clove Pink).** An exquisite mixture of colors. Pkt., 10 cts.; ¼ oz., 75 cts.

**PLUMARIUS FL. PL. (Double Hardy Scotch Pinks).** Double and semi-double varieties in beautiful colors. Pkt., 15 cts.; ¼ oz., 75 cts.

**SEMPERFLORENS.** 15 inches. Single and double, flowers all spring and summer. Mixed colors. Pkt., 15 cts.; ¼ oz., 75 cts.

**JOHNSON'S SPECIAL MIXTURE.** A grand selection of clove pinks of the above *Plumarius* type and others. Pkt., 20 cts.; ¼ oz., 75 cts.

## Digitalis (Foxglove)

One of the finest of perennials, bearing long spikes of Gloxinia-like flowers of tubular shape. Plants will grow in partial shade and in almost any good garden soil; attain a height of 4 feet.

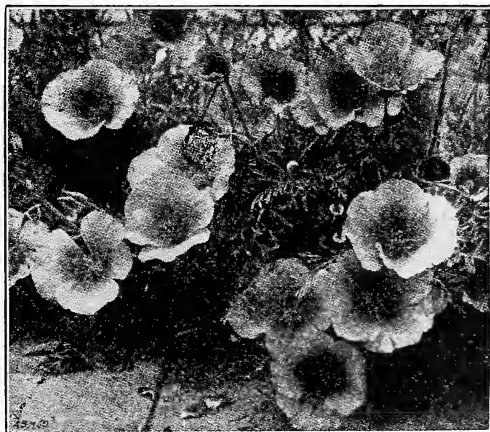
**GLOXINIOIDES, PURPLE.** Pkt., 10 cts.; ¼ oz., 50 cts.

**GLOXINIOIDES, ROSE.** Bright, showy flowers borne profusely on fine spikes. Pkt., 10 cts.; ¼ oz., 50 cts.

**GLOXINIAEFLORA, WHITE.** Pure white flowers with dark green foliage; make a fine show. Pkt., 10 cts.; ¼ oz., 50 cts.

**CANARIENSIS.** A novel color, orange brown. Of easy culture. Give slight shade and good soil. Pkt., 15 cts.

**CHOICEST MIXED.** Gloxinia-like flowers. Pkt., 10 cts.; ¼ oz., 35 cts.



Eschscholtzia—California Poppies





# Johnson's Seeds that Produce



Gaillardia

## Everlasting Flowers

(Helichrysum—Straw Flowers)

Flowers of eternal beauty, those that never fade. Unsurpassed for winter decoration, and when made into bouquets or arrayed in vases, they last for years. Should be cut and dried when in bud and blossom.

**ACROCLINUM ALBUM FL. PL.** Graceful; double, rose flowers. 1 ft. Pkt., 10 cts.

**AMMOBIUM ALATUM GRANDIFLORUM.** Clusters of pure white flowers. 2 ft. Pkt., 10 cts.

**GOMPHRENA GLOBOSA, MIXED.** Flesh, rose purple and white. Known as Globe Amaranth. Very neat for pots. 1½ ft. Pkt., 10 cts.

**HELICHRYSUM MONSTROSUM.** Double. Splendid mixed. About six colors. 1¼ ft. Pkt., 10 cts.; ¼ oz., 50 cts.

**RHODANTHE MANGLESI.** Bright rose; charming and particularly neat in pots in spring. Three plants should be potted together as foliage is small. 1 ft. Pkt., 10 cts.

**XERANTHEMUM ANNUM.** Very nice for summer cutting or winter bouquets. Double; white, rose and purple. Mixed. Pkt., 10 cts.

## Gaillardia

(Blanket Flower)

Very showy plants, used abundantly for borders and bedding, splendid for cut flowers. Seed should be started early and will flower continually until frost.

### ANNUAL VARIETIES

**PLETA, SINGLE MIXED.** Annual. . . Pkt., 10 cts.; ¼ oz., 25 cts.

**PICTA, DOUBLE MIXED.** Annual. . . Pkt., 10 cts.; ¼ oz., 35 cts.

### PERENNIAL VARIETIES

**GRANDIFLORA HYBRIDA. FINEST MIXED.** Continual bloomer; very showy and one of the most brilliant garden flowers. Fine for perennial borders. Pkt., 10 cts.; ¼ oz., 35 cts.

**AMBLYODON.** Perennial. Rich blood red; very effective. Pkt., 10 cts.

**KELWAY'S EXHIBITION HYBRIDS.** Entirely distinct. A grand new and improved strain. Flowers of enormous size, borne on stout stems. Choicest mixed. Pkt., 15 cts.; 2 pkts., 25 cts.

## Geum

H. P. Large, showy flowers in colors of scarlet and yellow. Fine herbaceous plants for shrubby border.

**COCCINEUM.** Much improved large-flowered variety; bright scarlet flowers. 1 ft. Pkt., 10 cts.

**MRS. BRADSHAW.** Very large double flowers of the brightest scarlet color. An excellent variety. Pkt., 15 cts.

## Globe Amaranth

(Gomphrena)

H. A. Globe-shaped, everlasting flowers. When in full bloom should be cut and hung up to dry; will hold their color all winter. **FINEST MIXED.** 2 feet. Pkt., 10 cts.; ¼ oz., 30 cts.

## Gloxinia

**JOHNSON'S INTERNATIONAL MIXTURE.** Magnificent house blooming plants, with handsome bell-shaped flowers in a diversity of the richest colors. Pkt., 50 cts.

## Godetia

Succeeds best in poor soil. Very free blooming.

**FINEST SINGLE MIXED ANNUALS.** Pkt., 10 cts.; ¼ oz., 25 cts.

**FINEST DOUBLE MIXED.** Pkt., 10 cts.; ¼ oz., 25 cts.

## Gourds

(Ornamental)

Besides the curious fruits, Gourds are desirable to cover walls, arbors, etc. Tender annual.

**SMALL VARIETIES.** Mixed. Pkt., 10 cts.; oz., 25 cts.

We can also supply any of the following: **Hercules Club, Dish Rag, Dipper and Nest Egg**, all at Pkt., 10 cts.; oz., 30 cts.

## Ornamental Grasses

Specimen plants. Clumps or entire beds of harmonious varieties are especially interesting. They are always valuable for cutting, and may be preserved and used in combination with everlasting flowers for winter bouquets, decoration, etc.

### ANNUAL VARIETIES

**BRIZA MAXIMA.** 1½ ft. Quaking grass. Pkt., 10 cts.

**COIX LACHRYMAE (Job's Tears).** Seeds are used as beads. 1½ ft. Pkt., 10 cts.; oz., 30 cts.

**ERAGROSTIS ELEGANS (Love Grass).** Nice for sweet pea bunching. 1½ ft. Pkts., 10 cts.

**PENNISETUM LONGISTYLUM.** Graceful, greenish-white plumes. Pkt., 10 cts.

### PERENNIAL VARIETIES

**PENNISETUM JAPONICUM.** One of the most valuable for beds or specimens. Easily grown from seed, making nice plants the first year. 4 ft. Pkt., 10 cts.

**GYNERIUM ARGENTEUM (Pampas Grass).** Beautiful silvery plumes. 8 to 10 ft. Pkt., 10 cts.

**STIPA PENNATA (Feather Grass).** Silvery white, feathery plumes. 2 ft. Pkt., 10 cts.

## Grevillea

(Silk Oak)

**ROBUSTA.** Fern-like foliage. A fine decorative plant for house and greenhouse; it may be easily grown from seed. 4 ft. Pkt., 10 cts.; ¼ oz., 75 cts.

## Gypsophila

(Baby's Breath)

Graceful plants, with tiny flowers produced in abundance in loose panicles. Excellent for their delicate effect in bouquets.

**PANICULATA FL. PL.** An extremely vigorous race, producing about 50 per cent of perfectly double pure white flowers. Pkt., 20 cts.; ¼ oz., \$1.00.

**ELEGANS GRANDIFLORA ALBA.** Annual. An improved large-flowered white form. Pkt., 10 cts.; oz., 25 cts.

**PANICULATA.** This perennial variety is useful for cutting and a fine border plant. Branches may be used for winter bouquet. 3 ft. Pkt., 10 cts.; ¼ oz., 35 cts.

**ELEGANS ROSEA.** Soft pink. Pkt., 10 cts.; oz., 35 cts.

**MURALIS.** 6 inches. A lovely little rock or edging plant with rose pink flowers. Pkt., 10 cts.

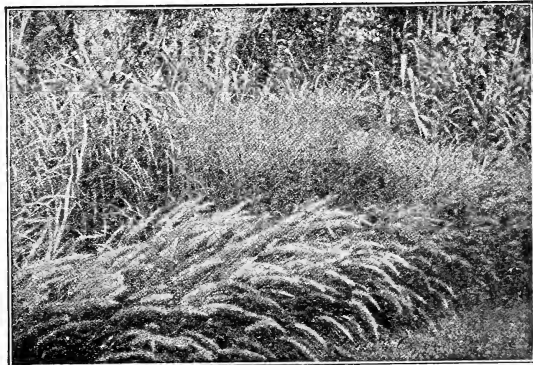
**HELICHRYSUM.** (See Everlastings.)

## Heliotrope

(Cherry Pie)

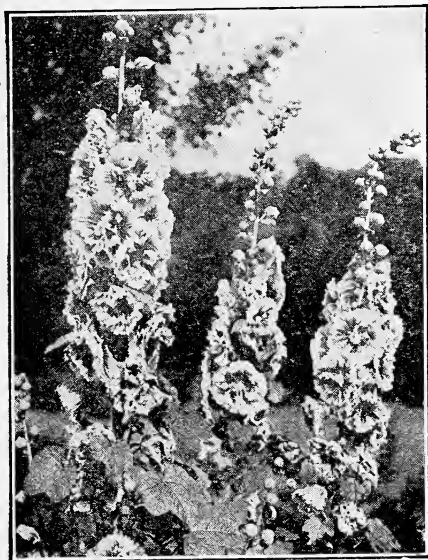
Delightfully fragrant. Fine for beds or pots. Half hardy perennial.

**FINEST MIXED.** . . . . . Pkt., 10 cts.; ¼ oz., 40 cts.



Ornamental Grasses





Double Hollyhock

## Heuchera

(Alum Root or Coral Bells)

**SANGUINEA.** H. P. Long stems of large crimson scarlet flowers. Splendid for cutting. Pkt., 25 cts.

## Hibiscus

(Rose Mallow)

Noble shrub-like plants, with handsome green foliage, bearing throughout summer large bright flowers, from 3 to 5 inches in diameter. Very hardy. Suitable for garden and indoor use when cut.

**CRIMSON EYE.** Creamy white flowers, large crimson center. Pkt., 10 cts.

**GOLDEN BOWL.** Deep cream, with a velvety maroon center. Pkt., 15 cts.

**MOSCHEUTOS.** Very showy pink flowers. Pkt., 10 cts.  
**MIXED MALLOW MARVELS.** Grand assortment. Pkt., 10 cts.; ¼ oz., 30 cts.

## Hollyhock

HARDY PERENNIALS

We give particular attention to this most popular flower. Seed sown in June or earlier will flower the following summer.

**ALLEGHENY, MAMMOTH FRINGED.** Very large flowers, finely fringed. Early sown seed will flower the first season. 7 ft. Mixed. Pkt., 15 cts.; ¼ oz., 50 cts.; oz., \$1.75.

**DOUBLE MAROON, DOUBLE RED, DOUBLE SALMON ROSE and DOUBLE YELLOW.** All at Pkt., 10 cts.; ¼ oz., 50 cts.

**NEWPORT PINK.** Fine, pure pink, double variety, exquisite in shade; flowers very double. Pkt., 15 cts.; ¼ oz., 60 cts.

**EXTRA CHOICE DOUBLE MIXED.** The seed offered under this head has been saved from the finest double flowers only; sure to produce satisfactory results. Pkt., 10 cts.; ¼ oz., 40 cts.

ANNUALS

**EVERBLOOMING SINGLE MIXED.** Large flowers, exhibiting every shade known in Hollyhocks. Pkt., 10 cts.; ¼ oz., 70 cts.

**EVERBLOOMING DOUBLE MIXED.** Double and semi-double. Pkt., 10 cts.; ¼ oz., 70 cts.

**IBERIS.** (See Candytuft).

## Ipomoea

(Morning Glory)

**HEAVENLY BLUE** (Rubra Caerulea). Beautiful sky-blue flowers. Pkt., 10 cts.; ¼ oz., 30 cts.

**NOCTIFLORA** (Moonflower). At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers. Pkt., 10 cts.; oz., 60 cts.

**SETOSA** (Brazilian Morning Glory). Large leaves and bright rose-colored flowers. Pkt., 10 cts.; oz., 30 cts.

**JAPANESE IMPERIAL.** Flowers of immense size and of a great variety of colors. Pkt., 10 cts.; oz., 30 cts.

**JAPANESE IMPERIAL FRINGED.** Large fringed flowers of many beautiful colors and shades. Pkt., 10 cts.; oz., 50 cts.

## Kochia

(Summer Cypress)

**TRICHOPYLLA.** Grows in a compact bush about 3 feet high. Cannot be excelled for a temporary hedge or screen. Pkt., ¼ oz., 25 cts.

## Larkspur

(Annual Delphinium)

These handsome Larkspurs are very effective in borders and planted amongst shrubs. The graceful spikes of bloom are much valued for vases. They continue long in bloom. The Emperor, Hyacinth-flowered and branching varieties bloom a little later than the stock-flowered. Sow seed in the open border either in early spring or late fall so germination may take place very early in the spring.

STOCK-FLOWERED

Dark Blue	Flesh Pink	Lilac
Dark Rose	Lustrous Carmine	Sky Blue
Exquisite Pink	(Newport Pink)	White

Each of the above, pkt., 10 cts.; any 3 pkts. for 25 cts.

Mixed, all colors., Pkt., 10 cts.; ¼ oz., 20 cts.; oz., 60 cts.

**GIANT HYACINTH-FLOWERED MIXED.** 3 ft. Derives its name from the striking resemblance of the flowers to a double Hyacinth. Delicate colors. Pkt., 10 cts.

**DWARF ROCKET MIXED.** 1 ft. Pkt., 10 cts.

**EMPEROR MIXED.** Produce an abundance of long, slender spikes in the most delicate colors. Pkt., 10 cts.

**SPECIAL MIXTURE.** Annual Larkspurs. A charming mixture containing all the bright and delicate shades, makes wonderful cut flower material and should be planted generously. Pkt., 10 cts.; ¼ oz., 30 cts.; oz., \$1.00.

## Lavatera

The Lavateras or Annual Mallows are showy and effective plants covered during the entire summer with bloom. For large borders and cutting they are very desirable.

**SPLENDENS ALBA.** Very large, silky, pure white flowers. Pkt., 10 cts.

**SPLENDENS ROSEA.** Very large bright rose flowers. Pkt., 10 cts.

## Lantana

**FINEST FRENCH MIXED.** Desirable half hardy perennial. Pkt., 10 cts.

## Lathyrus

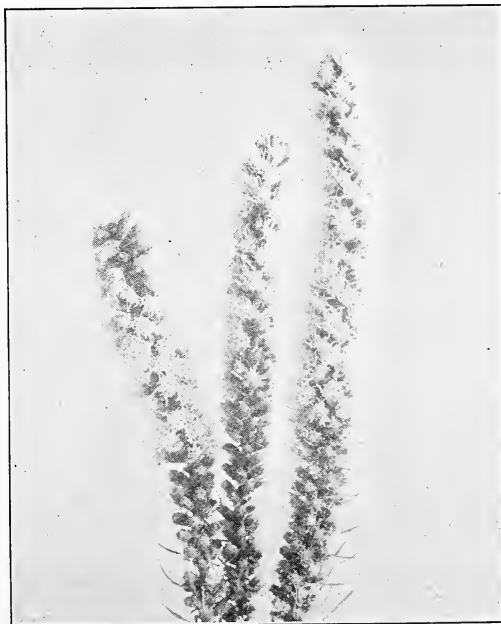
**HARDY SWEET PEAS.** Mixed. Pkt., 10 cts.; ½ oz., 40 cts.

## Liatris

(Blazing Star; Gay Feather)

A very attractive, native, hardy perennial. The purple and rosy purple flowers are borne on long spikes. Excellent for cutting, 3 to 4 ft. July to September.

**MIXED VARIETIES.** Pkt. 10 cts.



Liatris—Blazing Star or Gay Feather



# Johnson's Seeds that Produce

## Linaria

(Kenilworth Ivy)

Trailing plant for baskets and boxes. Pkt., 15 cts.

## Linum

**GRANDIFLORUM RUBRUM** (Scarlet Flax). Ideal for bedding; dwarf and compact, with light green foliage and bright scarlet flowers; annual; 1 ft. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.

## Lobelia

Tender perennial which flowers first season. Adapted to edging, borders, baskets, etc.

**CRYSTAL PALACE COMPACTA**. Fine for bedding. Pkt., 10 cts.; ½ oz., 50 cts.

**GRACILIS**. Light blue, trailing. Pkt., 10 cts.; ½ oz., 50 cts.

**CARDINALIS** (Cardinal Flower). A native variety, with spikes of brilliant scarlet flowers; fine hardy border plant; 3 ft. Pkt., 25 cts.; ½ oz., 75 cts.

## Lupinus

(Lupine—Sun Dial)

These are old-fashioned favorites that thrive in almost any soil or situation. Some species are extensively used for foliage and improvement of poor soils. The taller varieties are useful for the border, and dwarf sorts for bedding. Polyphyllus or hardy sorts are very effective spring-flowering plants, producing large spikes of pea-shaped flowers.

**POLYPHYLLUS ROSEUS**. Immense spikes. Pkt., 15 cts.; ½ oz., 60 cts.

**POLYPHYLLUS, BLUE AND WHITE MIXED**. Large spikes; very thrifty. Pkt., 10 cts.; oz., \$1.00.

**POLYPHYLLUS, BLUE**. Pkt., 10 cts.; oz., 75 cts.

**POLYPHYLLUS MOERHEIMI**. Fine hardy Lupine plants about 3 feet high, of vigorous growth, bearing long spikes of beautiful flowers. In color a combination of light and dark pink. Pkt., 15 cts.; ½ oz., 50 cts.

**PERENNIAL VARIETIES**. Choice mixed. Pkt., 10 cts.; ½ oz., 25 cts.

**ANNUAL SORTS**. This class is a great improvement on the old form. Very showy and nice for cutting. 2 ft. Blue, Rose, White, Red and Sky Blue. Each, pkt., 10 cts.; oz., 60 cts.

**ANNUAL SORTS MIXED**. Pkt., 10 cts.; oz., 50 cts.

## Marvel of Peru

(Four O'clock)

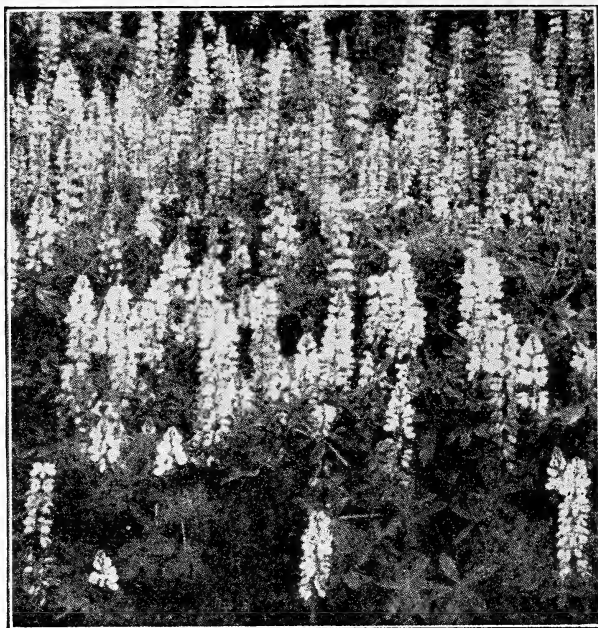
We make a specialty of this fine old garden favorite. Give good soil and sunny location. Splendid mixed hybrids. Pkt., 10 cts.; oz., 20 cts.

## Maurandia

Elegant twining, climbing plants with handsome foliage and flowers. Pkt., 10 cts.



Defiance Mignionette



Lupines

## Marigold

(Tagetes)

Splendid for beds or borders; the tall varieties grow about 3 feet high; the dwarf sorts, 18 to 24 inches.

**DOUBLE AFRICAN** (Tagetes Erecta)

**ELDORADO**. Bright orange flowers, shaded primrose, 3 to 4 inches across. 2 ft. Pkt., 10 cts.; ¼ oz., 40 cts.

**LEMON QUEEN**. Very large, double canary yellow flowers. Erect, branching habit. 2 ft. Pkt., 10 cts.; ¼ oz., 50 cts.

**ORANGE PRINCE**. A high-bred tall growing variety, bearing large perfect double quilled flowers of a rich deep golden orange color; the finest of all and very showy. Pkt., 10 cts.; ¼ oz., 50 cts.

**PRIDE OF THE GARDEN**. Dwarf and bushy; double, large-sized flowers of various shades of yellow. Pkt., 10 cts.; ¼ oz., 40 cts.

**TALL DOUBLE AFRICAN MIXED**. Pkt., 10 cts.; ¼ oz., 25 cts.

**DWARF DOUBLE AFRICAN MIXED**. Pkt., 10 cts.; ¼ oz., 25 cts.

**DOUBLE FRENCH** (Tagetes Patula)

These are very bright and effective in ribbon lines or for edging beds of tall plants.

**LEGION OF HONOR**. Single; bright yellow edges with dark crimson spots or blotches; a good bedder. 9 inches high. Pkt., 10 cts.; ¼ oz., 30 cts.

**DWARF DOUBLE FRENCH MIXED**. Pkt., 10 cts.; ¼ oz., 25 cts.

**TALL DOUBLE FRENCH MIXED**. Pkt., 10 cts.; ¼ oz., 25 cts.

## Single Marigold

(Signata Pumila)

A miniature Marigold, forming compact little plants 6 to 8 inches high, and completely covered with flowers, which are bright yellow with brown stripe down the center of each petal. Very striking for edgings. Sow the seed in spring in boxes and transplant. Pkt., 10 cts.

## Matricaria

**FEVERFEW**. For beds and edges. Half hardy. Dwarf double white. Pkt., 10 cts.

**EXIAMIA, GOLDEN BALL**. Golden yellow; fine for pots. Pkt., 15 cts.

## Mignionette

(Reseda Odorata)

**LARGE SWEET SCENTED**. Most satisfactory for garden. Pkt., 10 cts.; oz., 20 cts.

**MACHET**. Dwarf; very floriferous and fragrant. Pkt., 10 cts.; ¼ oz., 25 cts.

**BISMARCK**. Immense red flowers and most delicious odor. Pkt., 10 cts.; ¼ oz., 35 cts.

**DEFIANCE**. Immense spikes which keep until every bud is open. Pkt., 10 cts.; ¼ oz., 25 cts.

## Mimosa

(Sensitive Plant)

**PUDICA**. White with pink blush. Pkt., 10 cts.; ¼ oz., 50 cts.



## Mimulus

(Musk Plant)

**MOSCHATUS.** For baskets, etc. Yellow flowers; fragrant foliage. Pkt., 15 cts.

**MORNING GLORY.** (See Convolvulus.)

## Myosotis

(Forget-Me-Not)

**ALPESTRIS ROYAL BLUE.** Rich indigo. Pkt., 10 cts.; ¼ oz., 50 cts.

**ALPESTRIS WHITE.** Very fine. Pkt., 10 cts.; ¼ oz., 40 cts.

**ALPESTRIS MIXED.** Various colors. Pkt., 10 cts.; ¼ oz., 40 cts.

**DISSITIFLORA.** Perennial. Clear blue. Early. Pkt., 15 cts.

**PALUSTRIS SEMPERFLORENS.** Dark blue. Pkt., 15 cts.

**HYBRIDA, RUTH FISCHER.** Hardy biennial. Pure forget-me-not blue. Fine for cutting and for hanging baskets. Can be forced successfully and, owing to its extreme hardness, it is valuable for spring bedding in open ground. Pkt., 25 cts.

## Nasturtiums

Tall Nasturtiums are especially suitable for covering fences, rockeries, trellises or waste places that may not be very fertile, while the dwarf are splendid for borders and edgings.

**JOHNSON'S SUPERB TALL MIXED.** This is a fitting companion mixture to Johnson's Superb Dwarf collection. It contains the choicest colors in greatest variety. Pkt., 10 cts.; oz., 20 cts.; 2 ozs., 35 cts.; 4 ozs., 60 cts.; lb., \$2.00.

**JOHNSON'S SUPERB DWARF MIXED.** One of the choicest collections of really high-class varieties not commonly found in mixtures. It contains many high priced named kinds of superb colors. Pkt., 10 cts.; oz., 20 cts.; 2 ozs., 35 cts.; 4 ozs., 60 cts.; lb., \$2.00.

### VARIEGATED VARIETIES

Ivy-leaved, mixed. Pkt., 10 cts.; oz., 20 cts.

Variegated-leaved, mixed. Pkt., 10 cts.; oz., 20 cts.; 4 ozs., 60 cts.

## Nicotiana

(Tobacco Plant)

**H. A.** The long tube-like flowers are borne in clusters and open toward evening. 2 to 3 ft. Succeeds best in sunny beds or borders.

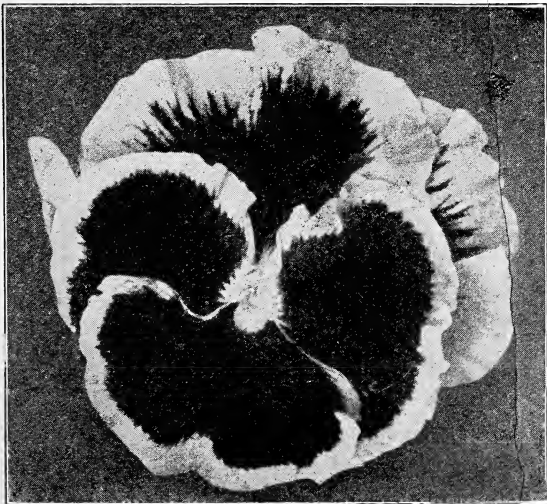
**AFFINIS.** White, 3 ft. Pkt., 10 cts.; ¼ oz., 25 cts.

**SANDERÆ.** Finest mixed. A brilliant carmine red. 3 ft. Blooms all summer. Pkt., 10 cts.; ¼ oz., 45 cts.

## Nierembergia

(Cup Flower)

**FRUTESCENS.** Blooming the first year if sown early. Most desirable for baskets, etc. Pkt., 10 cts.; ¼ oz., 40 cts.



Johnson's Universal Pansy



Nigella (Love-in-a-Mist)

## Nigella

(Love-in-a-Mist or Devil-in-the-Bush)

**H. A.** Charming and showy flowers, with finely cut foliage which surrounds the flower.

**MISS JEKYLL.** Double, bright blue; excellent for cutting. Pkt., 10 cts.; ¼ oz., 25 cts.

**DAMASCENA.** A compact, free-flowering plant of easy culture, growing in any garden soil; hardy annuals; blue and white mixed; 1 ft. Pkt., 10 cts.; oz., 35 cts.

## Johnson's Superb Pansies

(Heartsease)

The seed that we offer comprises the very finest strains obtainable, and will be found very superior. Pansy plants ready at proper season.

### FINEST SHOW PANSIES. Enormous Flowers

**JOHNSON'S UNIVERSAL MIXTURE.** This is the finest mixture possible to make as regards size, texture and colorings. Pkt., 50 cts.; ¼ oz., \$1.00; oz., \$7.00.

**MASTERPIECE.** Giant curled and ruffled Pansies. Very beautiful, containing the richest combination of colors. Pkt., 25 cts.; ¼ oz., 75 cts.

**BUGNOT'S SUPERB BLOTCHED.** Flowers of enormous size. The shadings comprise tints of red, bronze and brown not found in any other mixture. Pkt., 25 cts.; ¼ oz., 75 cts.

**CASSIER'S GIANT.** The largest-flowered class of blotched Pansies. Pkt., 25 cts.; ¼ oz., 75 cts.

### GIANT TRIMARDEAUX PANSIES

**GIANT GOLDEN QUEEN.** Pure yellow. Pkt., 15 cts.; ¼ oz., 75 cts.; oz., \$2.00.

**GIANT ATROPURPUREUM.** Deep royal purple. Pkt., 15 cts.; ¼ oz., 75 cts.

**GIANT WHITE.** White, with dark eye. Pkt., 15 cts.; ¼ oz., 75 cts.

**GIANT SNOWFLAKE** (Snow Queen or Candidissima). Pure snow white. Pkt., 15 cts.; ¼ oz., 75 cts.

**GIANT KING OF THE BLACKS.** Intensely dark. Pkt., 10 cts.; ¼ oz., 75 cts.

**GIANT STRIPED OR MOTTLED.** Curiously striped and flamed sort in rainbow tints. Pkt., 15 cts.; ¼ oz., 75 cts.

**GIANT HORTENSIA RED.** Very fine. Pkt., 15 cts.; ¼ oz., 75 cts.

**GIANT MIXED.** Extra fine blending of colors. Pkt., 10 cts.; ¼ oz., 60 cts.; oz., \$2.00.

ALL FLOWER SEEDS ARE POSTPAID



# Johnson's Seeds that Produce

## Petunia

**BALCONY PETUNIAS** (See page 37).

**GIANTS OF CALIFORNIA MIXED.** The flowers are very large and the colors embrace every conceivable shade of crimson, white, violet, lavender, etc. Pkt., 25 cts.

### SINGLE GIANT-FLOWERED PETUNIAS

**JOHNSON'S LARGE-FLOWERING, FRINGED.** An unsurpassed mixture from show flowers. Pkt., 25 cts.

**RUFFLED GIANTS.** A distinct class with very large, deeply ruffled flowers. Pkt., 25 cts.

**RUFFLED AND FRINGED GIANTS.** Exquisitely fringed and ruffled on the edges, and of immense size, in endless varieties of colors. Pkt., 50 cts.

### SINGLE BEDDING PETUNIAS

**INIMITABLE COMPACTA.** Bushy little plants are covered with pretty striped and star-shaped flowers. Pkt., 10 cts.

**HOWARD'S STAR.** Very free flowering. A bluish pink star on purple ground. Pkt., 10 cts.

**ROSY MORN.** Soft carmine pink with white throat. Pkt., 10 cts.; ¼ oz., 75 cts.

**PURPLE KING.** Royal in color and size; a wonderful introduction. Pkt., 25 cts.; 5 pkts., \$1.00.

**HYBRIDA, CHOICE SINGLE MIXED.** A good mixture for bedding, baskets, vases, etc. Pkt., 10 cts.; ¼ oz., 50 cts.; oz., \$1.50.

### LARGE-FLOWERING DOUBLE PETUNIAS

In growing Double Petunias from seed the weaker seedlings should be carefully saved, as these usually produce the finest double flowers.

**SUPERB DOUBLE-FRINGED.** Saved from an unrivaled collection; will produce a large percentage of double flowers of the largest fringed varieties in best colors. Pkt., 50 cts.; per 500 seeds, \$1.25.

**DOUBLE LARGE-FLOWERING.** Beautiful varieties in mixture. This is grown for us by a specialist. Pkt., 35 cts.; per 500 seeds, \$1.00.

**DOUBLE SMALL-FLOWERED MIXED.** The flowers of this strain are smaller than those of the above types, but they are produced in greater profusion. Pkt., 300 seeds, 25 cts.

## Physostegia

(False Dragon Head)

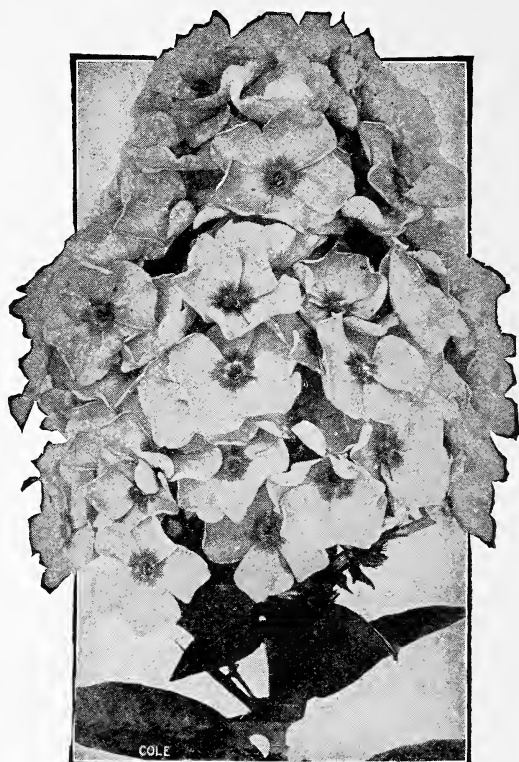
Fine for a cool situation and rich light soil, bearing erect spikes and pretty feather-like flowers. Useful for borders, wild gardens and for cutting.

**VIRGINICA.** Dense bushes with spikes of delicate pink tubular flowers. 3 ft. Blooms June-September. Pkt., 10 cts.

**VIRGINICA ALBA.** White. 3 ft. Blooms June-September. Pkt., 10 cts.



Physostegia—Virginia



Phlox Drummondii—Shell Pink

## Phlox Drummondii

This is one of the prettiest annuals and should occupy a prominent place in every garden. The flowers are fine for cutting.

**PRIZE MIXTURE OF LARGE-FLOWERING PHLOX.** Pkt., 10 cts.; ¼ oz., 45 cts.; ½ oz., 80 cts.

**GRANDIFLORA VARIETIES.** 1 ft. Pkt., 10 cts.; ¼ oz., 75 cts.; ½ oz., \$1.25; oz., \$2.00.

Finest Mixed  
Alba, Pure white  
Bright Rose  
Crimson  
Dark Purple

Shell Pink  
Scarlet, White Eye  
Yellow  
Lilac  
Bright Scarlet

Pkt. of each, 10 cts.

**GRANDIFLORA DWARF.** 6 in.

Finest Mixed. Pkt., 10 cts.; ¼ oz., 60 cts.

Fireball Scarlet. Pkt., 10 cts.; ¼ oz., 60 cts.

Salmon Pink. Pkt., 15 cts.; ¼ oz., \$1.00.

Pure White. Pkt., 10 cts.; ¼ oz., 60 cts.

Yellow. Pkt., 15 cts.; ¼ oz., 75 cts.

**CUSPIDATA (Star Phlox).** Flowers star-shaped with long pointed petals. Finest Mixed, 18 in., pkt., 10 cts.; ¼ oz., 45 cts.

## Hardy Phlox

**DECUSSATA.** Perennial varieties mixed with a celebrated collection. Seed slow in germination and may not sprout in a year. Pkt., 15 cts.; ¼ oz., 60 cts.

## Pentstemon

(Beard Tongue)

Highly useful and attractive perennials in the hardy border.

**GLOXINIOIDES "SENSATION."** As a bedding plant this takes rank with the Petunia, Phlox, etc. It grows about 2 feet high, every branch being a spike of large Gloxinia-like flowers in a very wide range of bright colors, including rose, red, carmine, cherry pink, lilac, purple, etc. Pkt., 15 cts.; 2 pkts., 25 cts.

**BARBATUS TORREYII.** Spikes of brilliant coral red, very effective; June to August; 3 to 4 feet. Pkt., 10 cts.

**MIXED.** A great variety of kinds and colors.

## Polyanthus

(Primula Elatior)

**LARGE-FLOWERING MIXED.** Charming early spring-flowering plants. Perfectly hardy and most effective for beds or masses. Pkt., 75 cts.; ¼ oz., 75 cts.





Salpiglossis (Mixed)

## Primula

(Primrose)

### HALF HARDY SORTS

Useful for pot culture or for rockeries and borders. While hardy under favorable conditions of soil and moisture, it is prudent to protect them over winter, particularly against saturation of soil by water.

**AURICULA.** A wonderful range of colors. 1 foot. Pkt., 25 cts.  
**JAPONICA** (Japanese). New hybrids. Vigorous, large-leaved and about 18 inches high, throwing a tall flower stem. Colors vary from blush-white to crimson and maroon, and of many pleasing shades. Pkt., 25 cts.; ¼ oz., \$1.00.

**VULGARIS** (English Primrose). Yellow, fragrant. Pkt., 10 cts.

**MALACOIDES.** A giant Baby Primrose from China. Foliage light green, deeply waved and fringed. 6 to 10 inches; light lilac. Pkt., 25 cts.

**MALACOIDES ALBA.** Fine white. Pkt., 25 cts.

**ELATIOR.** (See Polyanthus, page 56.)

**GIANT FRINGED.** Superb mixed. Pkt., 50 cts.

**SINESIS STELLATA.** Mixed. A beautiful new class. Pkt., 50 cts.

### OBCONICA PRIMULAS

A good variety for pot plants for decorative use, blooming from autumn to spring. May also be used outdoors. The grandiflora varieties are the freest flowering, but lack the very large individual blooms of the newer Gigantea type.

**GIGANTEA KERMESINA.** Rich crimson. Pkt., 25 cts.

**ROSEA.** Pure rose color. Pkt., 25 cts.

**MIXED.** All colors. Pkt., 20 cts.

**GRANDIFLORA ALBA.** Pure white. Pkt., 20 cts.

**KERMESINA.** Bright crimson. Pkt., 20 cts.

**ROSEA.** Beautiful clear rose. Pkt., 20 cts.

**APPLEBLOSSOM.** Soft pink. Pkt., 20 cts.

**MIXED.** All colors. Pkt., 15 cts.

## Ricinus

(Castor Oil Bean)

Magnificent tropical looking plants for lawns or large beds.

**ZANZIBARENSIS.** Finest of all. Gigantic leaves of various colors. Pkt., 10 cts.; oz. 25 cts.; ¼ lb., 75 cts.

**BOURBONISIS.** Elegant green foliage. Pkt., 10 cts.; oz., 25 cts.

**CAMBODGENSIS.** Very dark, almost black. Pkt., 10 cts.; oz., 25 cts.

**FINEST MIXED.** Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 55 cts.

## Poppy

(Papaver)

### ANNUAL SORTS

**ANNUAL ORIENTAL.** A new strain of the Oriental Poppy which will bloom the first year if sown early. Pkt., 25 cts.

**TULIP.** Single. Bright scarlet. Pkt., 10 cts.; ½ oz., 60 cts.

**SHIRLEY.** Finest mixed. Very popular. Pkt., 10 cts.; ¼ oz., 30 cts.

**MIKADO.** Double. White with crimson stripe. Pkt., 10 cts.; ½ oz., 25 cts.

**WHITE SWAN.** Double. Pure white. Pkt., 10 cts.; ½ oz., 25 cts.

**BEST SINGLE MIXED.** Pkt., 10 cts.; ½ oz., 25 cts.

### HARDY OR PERENNIAL POPPIES

**ORIENTALE.** Deep crimson. Very showy. Pkt., 10 cts.; ¼ oz., 50 cts.

**ORIENTALE.** Mixed colors. Pkt., 15 cts.; ¼ oz., 60 cts.

**ICELAND.** Orange red. Pkt., 15 cts.

**ICELAND.** Album. Pkt., 15 cts.

**ICELAND.** Finest mixed. Pkt., 10 cts.; ¼ oz., 50 cts.

## Portulaca

H. A. A very free-flowering plant; excellent for borders and rockeries and frequently used for bedding. Seed sown in May will bloom during July and a continuous display of flowers will be had until frost. 6 in.

**FINEST SINGLE MIXED.** Pkt., 10 cts.; ¼ oz., 25 cts.; oz., 75 cts.

**FINEST DOUBLE MIXED.** Pkt., 10 cts.; ¼ oz., 75 cts.; oz., \$2.50.

## Pyrethrum

Most attractive hardy perennials. Valuable border plants with stems about two feet high, each surmounted with handsome flowers in the brightest shades of rose, pink, crimson, etc.

**SINGLE HYBRIDS.** This mixture contains the very largest flowering and choicest varieties. Pkt., 10 cts.; ¼ oz., 75 cts.

**GOLDEN FEATHER** (Aureum). Dwarf growing varieties with bright yellow foliage; largely used for edgings and ribbon work. Usually treated as an annual. 3 to 4 feet. Pkt., 10 cts.; ¼ oz., 50 cts.

**DOUBLE ROSEUM HYBRIDS.** Lovely pink shades; splendid for cutting. Pkt., 15 cts.

**ULIGINOSUM** (Giant Daisy). A fine hardy perennial; grows 3 to 4 feet high, and from July to September is literally hidden beneath the multitude of large white daisy-like flowers. Pkt., 15 cts.

## Rudbeckia

(Coneflower)

**BICOLOR SUPERBA.** Fine free-flowering annual growing about 2 feet high; forming a dense bush. The disc is brown, the florets golden yellow, with large velvety brown spots at the base; useful for cutting. Pkt., 10 cts.; ¼ oz., 25 cts. ....

**PURPUREA** (Giant Purple Coneflower). A most interesting hardy perennial, producing all summer large, showy reddish purple flowers, about 4 inches across. Pkt., 15 cts.

## Salpiglossis

**FINE MIXED** (Painted Tongue). All colors. Pkt., 10 cts.; ¼ oz., 40 cts.; oz., \$1.25.

## Salvia

**BONFIRE** (Clara Bedman). A Salvia of very compact growth, vivid scarlet. Very popular. Pkt., 15 cts.; ¼ oz., \$1.10.

**SPLENDENS.** The old standard, bright scarlet. Pkt., 10 cts.; ¼ oz., 75 cts.

**EARLY DWARF ZURICH.**

Grows only 12 to 15 inches high, with fine, erect slender spikes to each plant, borne well above its foliage. Color brilliant scarlet; splendid bedding variety; earliest of all. Pkt., 25 cts.

**PATENS.** Bright blue flowers of large size; excellent for the border or greenhouse; height 2 ft. Pkt., 25 cts.

**AZUREA GRANDIFLORA.** A hardy perennial variety producing during August and September spikes of pretty skyblue flowers. 2 feet. Pkt., 25 cts.

**FARINACEA.** Light blue flowers in great abundance; good for cutting; forms a neat bush. 3 feet. Pkt., 25 cts.



Zurich Salvia





# Johnson's Seeds that Produce

## Scabiosa

(Mourning Bride, Sweet Scabiosa, Pin-cushion Flower, etc.)

These are firm favorites with many of our customers. Seed can be sown any time in the spring after danger of frost is past. They grow about 2½ feet high and come into bloom early in July and continue without interruption until hard frost. The beautiful flowers in exquisite shades are borne on long stems, and when cut keep in perfect condition for the best part of a week. They make effective borders or beds, and no garden is complete without Scabiosas, especially where flowers are wanted for cutting.

### LARGE-FLOWERING ANNUALS

**AZURE FAIRY.** Clear lavender blue. Pkt., 10 cts.; ¼ oz., 35 cts.  
**CRIMSON.** Rich rosy crimson. Pkt., 10 cts.; ¼ oz., 35 cts.  
**FLESH PINK.** Delicate tone of pink. Pkt., 10 cts.; ¼ oz., 35 cts.  
**KING OF THE BLACKS.** Velvety black purple. Pkt., 10 cts.; ¼ oz., 35 cts.

**ROSE.** Soft rose color. Pkt., 10 cts.; ¼ oz., 35 cts.  
**WHITE.** Pure white. Pkt., 10 cts.; ¼ oz., 35 cts.  
**Collection** of a packet each of the 6 colors, 40 cts.  
**MIXED.** All colors of the improved large-flowering. Pkt., 10 cts.; ¼ oz., 30 cts.; oz., 70 cts.

### HARDY PERENNIALS

**CAUCASICA** (Blue Bonnet). One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water; color soft lavender blue. 3 ft. Pkt., 25 cts.; 5 pkts., \$1.00.  
**JAPONICA.** A variety from Japan, forming bushy plants, 2½ feet in height, and bearing on long, wiry stems beautiful, artistic lavender blue flowers; a fine cut flower. Pkt., 15 cts.; ¼ oz., 30 cts.

## Schizanthus

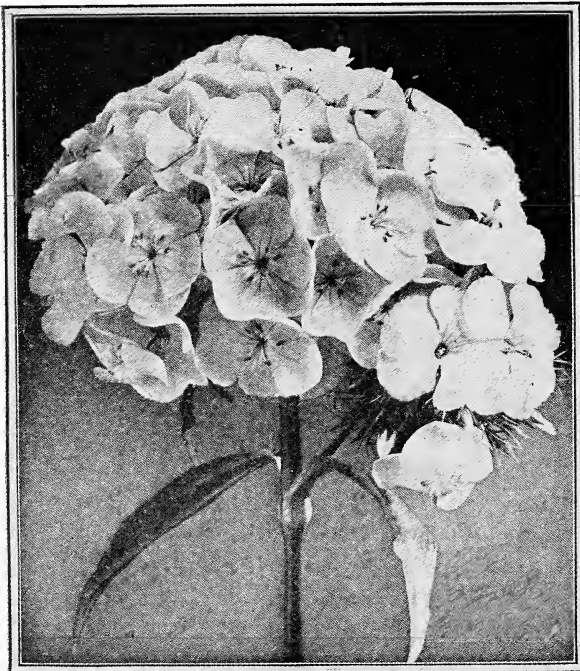
(Butterfly or Fringe Flower)

**H. A.** Dainty, erect growing plants for the house or garden. Noted for its wonderful variety of coloring.  
**HYBRIDA GRANDIFLORA COMPACTA.** These are large-flowered with wonderfully beautiful color combinations in the same flower. 15 inches high. Pkt., 10 cts.  
**WISTONENSIS.** Charming long and profusely blooming hybrids. Excellent for greenhouse culture. Pkt., 25 cts.  
**MIXED.** Pkt., 10 cts.; ¼ oz., 35 cts.

## Sunflower

(Helianthus)

**MINIATURE.** Best mixed. Pkt., 10 cts.; ¼ oz., 30 cts.  
**MINIATURE RED.** Pkt., 10 cts.; oz., 65 cts.  
**LARGE RUSSIAN.** Tall mammoth-flowered. Pkt., 10 cts.; oz., 20 cts.



Sweet William—Pink Beauty



## Sedum

(Stonecrop)

Dwarf hardy perennials for the rock garden and for carpet bedding.

**ACRE.** Yellow. Height 6 in. Pkt., 25 cts.  
**ALBUM.** White. Height 6 in. Pkt., 25 cts.  
**EVERSI.** Rose. Height 6 in. Pkt., 25 cts.  
**MIDDENDORFFIANUM.** Yellow with dark foliage. Height 6 in. Pkt., 25 cts.  
**PILOSUM.** Rose. Height 6 in. Pkt., 25 cts.  
**SARMENTOSUM.** Yellow. Height 6 in. Pkt., 25 cts.  
**SPECTABILE.** Brilliant red. Height 12 in. Pkt., 25 cts.  
**STOLONIFERUM COCCINEUM.** Scarlet. Height 6 in. Pkt., 25 cts.  
**FINEST MIXED.** 4 in. Pkt., 15 cts.; oz., \$1.00.

## Smilax

(Myrsiphyllum asparagoides)

**G. P.** Used extensively for inside decorations; climbing habit. 10 ft. Pkt., 15 cts.; ¼ oz., 50 cts.

## Statice

(Sea Lavender)

**H. P.** Long panicles of small, light blue flowers, which if dried will make nice winter bouquets.  
**LATIFOLIA.** Purplish blue. 2 ft. Pkt., 15 cts.; ¼ oz., 50 cts.

## Stevia

**G. P.** The tiny white flowers are produced in long, loose panicles. Fine for cutting.  
**SERRATA.** 2 ft. Pkt., 15 cts.; ¼ oz., 50 cts.

## Stocks

(Gilliflower)

**CUT-AND-COME-AGAIN VARIETIES.** Excellent for cutting; very fine for outdoor planting. Blood-red, rose, dark blue, Princess Alice (pure white), yellow and mixed. Pkt., 15 cts.; ¼ oz., 75 cts.  
**LARGE-FLOWERING** (Ten-weeks Stock). Particularly suited for pot culture, beds or edging. Habit is dwarf and bushy. 8 inches. 90 per cent double flowers. Rose, blood-red, purple, canary yellow, crimson, light blue, white and mixed. Pkt., 10 cts.; ¼ oz., 50 cts.

## Stokesia

(Cornflower Aster)

This popular hardy perennial bears all summer; large attractive flowers resembling semi-double asters; fine for cut flowers. 2 ft.  
**CYANEA.** Lavender blue; handsome. Pkt., 10 cts.; ¼ oz., 50 cts.  
**CYANEA MIXED.** Pkt., 10 cts.; ¼ oz., 50 cts.  
**ALBA.** White. Pkt., 15 cts.; ¼ oz., 75 cts.

## Sweet William

(Dianthus barbatus)

A well-known, attractive biennial which flowers the second season from seed. Sow outdoors in May, and transplant in August.  
**Single White**  
**Single Crimson**  
**Single Black-Red**

**Single Finest Mixed**  
**Single Dark Crimson**  
**Single Red, Margined White**

Each, pkt., 10 cts.; ¼ oz., 50 cts.  
**Collection:** One pkt. each of 5 colors, 40 cts.

**Double White**  
**Double Crimson**  
**Double Black-Red**

**Double Pink**  
**Double Finest Mixed**

Each, pkt., 10 cts.; ¼ oz., \$1.00.

**PINK BEAUTY.** A rich deep rose shade. Pkt., 15 cts.; ¼ oz., 50 cts.  
**SCARLET KING.** (New.) An intensely deep rich, pure scarlet; a grand acquisition. Pkt., 15 cts.; ¼ oz., 60 cts.  
**NEWPORT PINK.** Color watermelon pink, fragrant. 18 inches high. Pkt., 15 cts.; ¼ oz., \$1.00; oz., \$3.00.

ALL FLOWER SEEDS ARE POSTPAID

# Johnson's Seeds that Produce



## Thunbergia

H. A. Pretty trailing plants, mostly used for window boxes, vases and urns; foliage and flowers produce a striking effect.  
**ALATA.** Yellow, with dark eye. 5 ft. Pkt., 10 cts.; ¼ oz., 50 cts.

## Valerian

H. P. Fine border plants with long spikes of fragrant flowers; suitable for cutting.

**FINEST MIXED.** Pkt., 15 cts.; ¼ oz., 35 cts.

## Veronica

(Speedwell)

H. P. Long spikes of brilliant blue flowers, excellent for growing in shady places and requiring plenty of moisture.

**LONGIFOLIA.** Rich blue. 3 ft. Pkt. 15 cts.; ¼ oz., 40 cts.

**SPICATA.** Light violet blue. 3 ft. Pkt., 15 cts.; ¼ oz., 35 cts.

## Vinca

(Periwinkle)

H. A. Of easy cultivation, growing very readily from seed and flowering same season. Plants have dark green foliage and the pink or white single flowers make fine pot plants.

**FINEST MIXED.** 1 ft. Pkt. 15 cts.; ¼ oz., 60 cts.



Veronica

## Johnson's Mammoth Verbenas

We have been carefully selecting and improving this fine strain of Verbenas for years, and can recommend it as the very best procurable. The trusses and individual flowers are of the largest size; of brilliant colors, free blooming and of vigorous habit. For best and quickest results, seed should be sown early in the house or hot-bed, and transplanted to flowering quarters in May. If sown outdoors in May, it blooms from the end of July on. We offer the following colors:

**PINK.** Various pink shades. Pkt., 10 cts.

**PURPLE.** Rich dark blues and purple. Pkt., 10 cts.

**SCARLET.** Uniform bright scarlet. Pkt., 10 cts.

**WHITE.** Purest white. Pkt., 10 cts.

**BLUE.** Light to medium blue shades. Pkt., 10 cts.

**MAMMOTH DEFIANCE.** Bright rich scarlet; small leaves. Pkt., 10 cts.

**MAMMOTH BLUE VARIETIES.** Showy and distinctive. Pkt., 10 cts.

**LUTEA.** Bright yellow. Pkt., 10 cts.

**MAMMOTH MAYFLOWER.** Beautiful pink. Pkt., 10 cts.

**MAMMOTH STRIPED VARIETIES.** Beautiful collection. Pkt., 10 cts.

**LUCIFER.** Deep cardinal scarlet. Very rich. Pkt., 15 cts.

**MAMMOTH MIXED.** Containing all the colors. Pkt., 10 cts.; ¼ oz., 50 cts.; oz., \$1.50.

## Various Verbenas

**LEMON VERBENA** (*Aloysia citriodora*). Every garden should have a few plants of this fragrant favorite. Its pale green, delightfully scented foliage goes well with any flower. Pkt., 10 cts.

**ERINOIDES** (Moss Verbena). This lovely variety produces a mass of moss-like foliage, spreading over the ground like a carpet, above which are borne heads of purplish blue and white blossoms in lavish profusion; comes into flower in June, and continues until frost. For beds, baskets or rockeries. Pkt., 10 cts.

**VENOSA** (Hardy Garden Verbena). Strong plants, 1 foot high, bear purple flowers continuously through the summer. Pkt., 25 cts.



Thunbergia—Alata

## Tritoma

(Red Hot Poker Plant or Flame Flower)

H. P. Magnificent large spikes of orange red flowers, attaining a height of 4 feet; effective in single clumps or among shrubbery.  
**UVARIA GRANDIFLORA.** Orange and scarlet. Pkt. 15 cts.



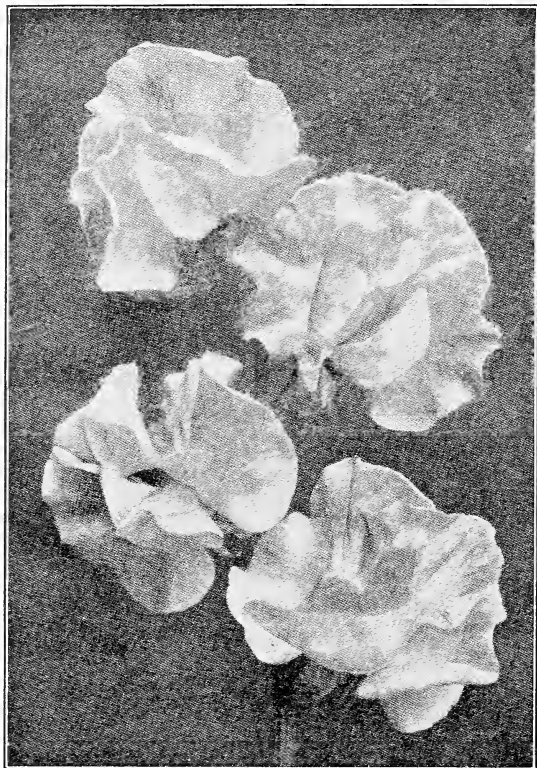
Tritoma—Uvaria



# Johnson's Seeds that Produce

## Johnson's Grand Spencer or Orchid-Flowered

### SWEET PEAS



Hawlmarm Pink Sweet Peas

### Cream or Primrose

**DOBBIE'S CREAM.** Clear, deep cream; perfect form. Pkt., 10 cts.; oz., 40 cts.

### Cream-Pink

**NEW MIRIAM BEAVER.** One of the daintiest shades in Sweet Peas. Soft hydrangea-pink, tinted salmon. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.10.

**PICTURE.** A recent English introduction. Salmon pink; large and of elegant form. Pkt., 10 cts.; oz., 50 cts.

**NEW MARY PICKFORD.** Beautiful light and dainty cream pink. Pkt., 15 cts.; large pkt., 30 cts.; oz., 60 cts.

**MARGARET ATLEE.** Rich, glowing pink on cream ground, suffused with salmon on standard and wings. Pkt., 10 cts.; oz., 50 cts.; ¼ lb., \$1.60.

### Deep Pink

**COUNTESS SPENCER.** The original Spencer variety; lovely clear pink. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.10.

**HERCULES.** Soft rose pink; extraordinary size and substance. An improvement on Countess Spencer. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.10.

**HAWLMARK PINK.** A sensational novelty. Bright pink with a suggestion of salmon. Extra large. Pkt., 10 cts.; oz., 50 cts.; ¼ lb., \$1.60.

### Rose and Carmine

**ROSABELLE.** Deep rose with a white blotch at the base of standard and wings. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.10.

**GEORGE HERBERT.** Magnificent rich rosy carmine self. Extra large. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.10.

### Salmon and Cerise

**BARBARA.** Rich salmon self, of finest form. Pkt., 10 cts.; oz., 40 cts.

**ILLUMINATOR.** Glowing cerise-salmon, suffused with orange. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.10.

It has been only a few years since the first of the Spencer Sweet Peas was introduced to American gardeners, but they have in that short time so completely overshadowed the old-fashioned or grandiflora varieties that the latter are almost forgotten. The flowers of the Spencer or orchid-flowered type are of extraordinary size, with beautifully waved standards and widespreading wings, round and open, often measuring 2 inches or more across. A large percentage bear four of these immense blossoms to the stem, and the stems are long and strong, making them of exceptional value for cutting.

In exquisite form and range of elegant colors there are no flowers to compare with Sweet Peas. We offer the cream of the Spencer sorts that have been tested and found to be of true merit and distinct in color.

PAMPHLET ON SWEET PEA CULTURE FREE

### Johnson's Grand Spencer Mixture

A liberal planting of this mixture will furnish a most magnificent display of Spencer types. All shades of color. Gigantic Waved Spencer Type. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 85 cts.; lb., \$2.75.

### White

**KING WHITE.** Pure, glistening white; gigantic in size and perfect in form. The best white to date. White-seeded. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.10.

**CONSTANCE HINTON.** A mammoth black-seeded white; sometimes tinged with blush at the base of the petals. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.10.

### Blush-Pink

**ELEGANCE.** One of the newest. Flowers of immense size; dainty lilac pink on white ground. Pkt., 10 cts.; oz., 50 cts.

**ELFRIDA PEARSON.** Lovely soft pink throughout; flowers of large size and exquisite form. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.10.

### Orange

**TANGERINE, IMPROVED.** This is the last word in orange Sweet Peas. Large, beautifully formed flowers. Pkt., 10 cts.; oz., 50 cts.

**ROBERT SYDENHAM.** Deep glowing orange. Pkt., 10 cts.; oz., 40 cts.

**HELEN LEWIS.** Orange rose wings; standard crimson orange. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.10.

### Orange-Scarlet

**DEFIANCE.** Pure flaming orange-scarlet. Pkt., 15 cts.; oz., 70 cts.

**FIERY CROSS.** Fire-red or rich orange-scarlet, without any shading. A famous variety; one of the brightest in existence. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., \$1.20.

**ROYAL SCOT.** Pkt., 10 cts.; oz., 50 cts.

**THE PRESIDENT.** Brilliant orange-scarlet; largest size. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., \$1.20.

### Scarlet and Crimson

**VERMILION BRILLIANT.** Intense pure scarlet. Pkt., 10 cts.; oz., 35 cts.

**KING EDWARD SPENCER.** Bright crimson-scarlet; flowers of the largest size and finest form. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.10.

**CRIMSON KING.** Rich deep crimson. Pkt., 15 cts.; oz., 70 cts.

**DOBBIE'S SUNPROOF CRIMSON.** A bright, lasting color; requires no shading from the sun. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.10.

### Lavender

**HAWLMARK LAVENDER.** New. Pure true lavender of immense size. Pkt., 25 cts.

**R. F. FELTON.** A very fine clear, deep lavender. Pkt., 10 cts.; oz., 40 cts.

**AUSTIN FREDERICK IMPROVED.** Giant lavender. Pkt., 10 cts.; oz., 40 cts.

**ASTA OHN.** Lavender with a mauve suffusion. Pkt., 10 cts.; oz., 35 cts.

ALL FLOWER SEEDS ARE POSTPAID

# Johnson's Seeds that Produce



## Spencer or Orchid-Flowered Sweet Peas—Continued

### Fancy or Art Shades

- IRISH BELLE.** Pastel lilac, with a blush-pink suffusion. Pkt., 10 cts.; oz., 35 cts.
- AFTERGLOW.** A remarkable combination of pastel colors. Standard rosy amethyst; wings electric blue. Charming. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., \$1.25.
- BROCADE.** An unusual but exceedingly attractive combination of lavender, rose and salmon-pink with satiny sheen. Pkt., 15 cts.; oz., 50 cts.

### Bicolor

- APPLE BLOSSOM.** Standard cream, flushed pink; wings deep rose. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.10.
- MRS. CUTHBERTSON.** Standard rose pink; wings blush white; very pretty for bunching. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.10.
- BLANCHE FERRY SPENCER.** Standard bright carmine rose; wings pure white. An old favorite. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.10.

### Blue

- MRS. TOM JONES.** Bright delphinium blue. The newest and best light blue. Pkt., 10 cts.; oz., 50 cts.
- WEDGWOOD.** Lovely light blue, of exquisite form; free blooming. Pkt., 10 cts.; oz., 35 cts.
- COMMANDER GODSALL.** A new deep navy blue of immense size. Pkt., 15 cts.; oz., 75 cts.

### Mauve and Purple

- HELIO.** Rosy lavender with a bronze suffusion. A striking novelty. Pkt., 15 cts.; 3 pkts., 40 cts.
- ROYAL PURPLE.** Rich rosy purple; flowers of immense size. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.10.

### Maroon

- HAWLMARK MAROON.** A strong grower with large flowers the color of polished mahogany. Pkt., 10 cts.; oz., 50 cts.
- WARRIOR.** Large reddish maroon, with a bronzy tint. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.10.

## Early or Winter-flowering Spencer Sweet Peas

A comparatively new development in Sweet Peas. The winter-flowering Spencers are now grown almost exclusively for winter bloom and are in great demand by florists. They are equally desirable, however, for outdoor planting as they come into bloom two to three weeks ahead of the standard Spencer varieties and, if kept cut, will continue to bloom nearly as long.

	Pkt.	½ Oz.	Oz.
<b>SNOWFLAKE.</b> Pure white; white seeded.....	\$0.10	\$0.45	\$0.80
<b>MRS. SPANOLIN.</b> Black-seeded white.....	.10	.40	.75
<b>SONGBIRD.</b> Dainty blush pink.....	.10	.35	.65
<b>SPRING MAID.</b> Rose pink on cream.....	.10	.35	.65
<b>MRS. A. A. SKAACH.</b> Lively shell pink.....	.10	.45	.80
<b>MELODY.</b> Light rose pink.....	.10	.35	.65
<b>ROSE QUEEN.</b> Glorious, deep rose pink.....	.10	.40	.75
<b>ROSE CHARM.</b> Bright carmine rose.....	.15	.60	1.00
<b>ZVOLANEK'S ROSE.</b> Rich rose.....	.15	.60	1.00
<b>MRS. KERR.</b> The best rich salmon.....	.25	1.10	2.00
<b>MORNING STAR.</b> Standard orange; wings rosy.....	.10	.40	.75
<b>ILLUMINATION.</b> Glowing salmon cerise.....	.10	.45	.80
<b>FIRE KING.</b> Dazzling cerise-scarlet.....	.10	.45	.80
<b>AVIATOR.</b> The best crimson red.....	.10	.45	.80
<b>LAVENDER KING.</b> Clear, deep lavender.....	.10	.45	.80
<b>BLUE BIRD.</b> The finest pure mid-blue.....	.10	.45	.80
<b>HEATHERBELL.</b> Rich mauve; extra large.....	.10	.40	.75
<b>YARRAWA.</b> Deep rose and cream.....	.10	.35	.65
<b>COLUMBIA.</b> The best "pink and white".....	.10	.40	.75
<b>FINEST MIXED.</b> Pkt., 10 cts.; oz., 40 cts.; ¼ lb., \$1.25; lb., \$4.50.			

## Johnson's Double Giant Zinnias

Our special strain of this grand old free and continuous flowering annual produces flowers of colossal size, specimens measuring from 5 to 6 inches across being not unusual. Plants attaining a height of 3 feet and bearing on long stems numerous semi-globular mostly very double flowers all of the largest size.

<b>Giant Golden Yellow</b>	<b>Giant Sulphur Yellow</b>
<b>Giant Scarlet</b>	<b>Giant White</b>
<b>Giant Burnt Orange</b>	<b>Giant Violet</b>
<b>Giant Salmon</b>	<b>Giant Purple</b>
<b>Giant Flesh</b>	<b>Giant Crimson</b>

Prices of above Zinnias: Pkt., 15 cts.; ¼ oz., 50 cts.; oz., \$1.50. Collection of a packet of each of the above 10 colors for \$1.10.

One packet each of 5 varieties, your selection, for 60 cts.

**Giant Mixed Colors:** Pkt., 10 cts.; ¼ oz., 45 cts.; oz., \$1.10; ¼ lb., \$3.25; lb., \$12.00.

**ELEGANS.** This we consider the best Zinnia for general use, forming bushy, compact plants not over 2 feet high, and bearing large perfect double flowers in good clear distinct colors. Fine mixed. Pkt., 10 cts.

**CURLED AND CRESTED DOUBLE.** Very bright, handsome flowers with crested and curled petals. Fine varieties. Pkt., 15 cts.; ¼ oz., 40 cts.

## Johnson's Large-flowering Dwarf Double Zinnias

This we consider the best Zinnia for bedding, forming bushy, compact plants not over 2 feet high, and bearing large perfect double flowers in good clear distinct colors.

<b>Canary.</b> Clear yellow.	<b>Salmon Rose.</b> The most popular color of all.
<b>Flesh Pink.</b> Delicate shade.	<b>White.</b> Pure white.
<b>Orange.</b> Rich golden orange.	
<b>Scarlet.</b> Very rich.	

Price, any of the above, pkt., 10 cts.; ¼ oz., 30 cts.

Collection of a packet each of the above 6 sorts, 40 cts.

**Finest Mixed.** All colors of the large-flowering dwarf sorts, pkt., 10 cts.; ¼ oz., 25 cts.; oz., 75 cts.

## Double Lilliput or Pompon Zinnias

A very pretty type of compact habit not over 15 inches high, bearing small densely double flowers on long stems, held well above the foliage.

	Pkt.	Pkt.
<b>Canary Yellow.....</b>	\$0.10	<b>Scarlet.....</b> \$0.10
<b>Golden Orange.....</b>	.10	<b>White.....</b> .10
<b>Salmon Rose.....</b>	.10	

Collection of a packet each of the 5 colors, 40 cts.

**Finest Mixed.** Containing all the colors. Pkt., 10 cts.; ¼ oz., 30 cts.

## Wallflower

Well known deliciously fragrant half hardy perennials, blooming early in the spring with spikes of beautiful flowers. In the north they should be protected in a cold frame in the winter and planted out in April.

**PARIS EXTRA Early.** A beautiful single variety which may be treated as an annual, flowering through the summer from seed sown in spring. Pkt., 10 cts.; ¼ oz., 25 cts.

**GOLIATH.** A splendid single variety; flowers of a rich, shining red with a black velvety sheen. Pkt., 10 cts.

**SINGLE MIXED.** All colors. Pkt., 10 cts.; ¼ oz., 20 cts.; oz., 60 cts.

**DOUBLE-FLOWERING FINEST MIXED.** Pkt., 15 cts.; 2 pkts., 25 cts.

## Water Lily Seeds

**NYMPHAEA TENDER VARIETIES MIXED.** Pkt., 15 cts.

**NELUMBUM MIXED SORTS.** Pkt., 15 cts.

ALL FLOWER SEEDS ARE POSTPAID





# Johnson's Seeds that Produce

## ROSES—The Best Field-Grown Roses for Your Garden

We offer a very select list of Dormant Rose Bushes for outdoor planting in Hybrid Tea, Hybrid Perpetual and Hardy Climbing types. The following varieties, each listed in its class, we can especially recommend for either spring or fall planting.

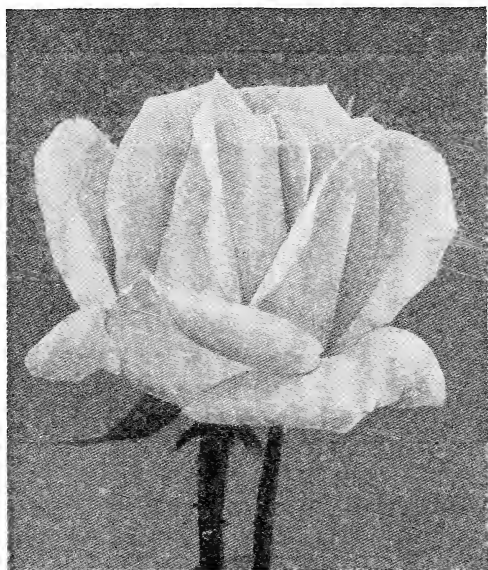
### Cultural Directions

When the rose beds are prepared, be sure they have good drainage, and that the soil is rich and sweet. Water well after planting. Prune them well; if you do not know how, ask us; we will be glad to tell you the right way. Keep them clean from insects. Bush roses can be set 1½ feet apart, climbing varieties from 4 to 6 feet apart, and standard Roses 3 or more feet apart. Cultivate freely throughout the summer and apply a light top dressing of bone-meal or sheep manure at least once a month throughout the growing season. Just before the ground freezes, in late November, draw the soil up against the plant in the same manner as you would hill up potatoes, and in December, when the ground is thoroughly frozen, cover with leaves or straw.

We offer good healthy 2-year-old stock, which will give an abundance of bloom the following summer if planted in the fall.

Prices: each, 75 cts.; 6 for \$5.00; per doz., \$8.00; 25 for \$15.00; 100 for \$52.00, except where noted.

**ALEXANDER HILL GRAY.** Long-pointed bud of lemon yellow, shading darker at maturity.



Los Angeles

**COLUMBIA.** Bright lively pink, shading darker at maturity; very fragrant.

**CRUSADER.** Rich velvety crimson.

**DUCHESS OF WELLINGTON.** Intense saffron yellow, changing to deep coppery yellow as they expand; delightfully fragrant.

**KAISERIN AUGUSTA VICTORIA.** A soft pearly white faintly tinted lemon in the center; fragrant.

**KILLARNEY.** Large, long-pointed buds, opening to large loose blooms of beautiful flesh color; borne on long stems.

**LADY HILLINGDON.** Clear apricot yellow.

**LOS ANGELES.** A luminous flame pink, toned with coral and shaded with gold at the base of the petals. Should be protected during the winter. Each, \$1.50; per doz., \$15.00.

**MME. BUTTERFLY.** Brilliant pink, suffused apricot and gold. Each, \$1.50; per doz., \$15.00.

**OPHELIA.** Delicate tint of salmon flesh, shaded rose.

**SUNBURST.** Intense orange copper and golden yellow buds, long and pointed; very brilliant in effect. Each, \$1.25; per doz., \$12.50.

**WILLOWMERE.** Coral red, opening to a large, rich shrimp pink, shaded yellow in the center and flushed carmine pink toward the edges of the petals. Each, \$1.50; per doz., \$15.00.

**FUNGITROGEN.** A most effective and scientific preventative and remedy for mildew, black spot and other fungoid diseases of roses. Will not discolor the foliage. ½ pt., 75 cts.; pt., \$1.25; qt., \$2.00; ½ gal., \$3.50; gal., \$6.00.

### Hybrid Perpetual Roses

**FRAU KARL DRUSCHKI.** Pure white in color, perfect in form, strong grower and remarkably free flowering.

**PAUL NEYRON.** Perhaps the largest of all; dark rose in color.

**SOLEIL D'OR (Golden Sun).** Color varies from orange yellow to reddish gold, shaded with nasturtium red. Conical-shaped buds opening to large, full, flat-shaped flowers.

Any of the above field-grown plants 75 cts. each, \$8.00 per doz., \$52.00 per 100.

### Hardy Climbing Roses

Two-year dormant plants, each, 75 cts.; 6 for \$4.00; per doz., \$7.00.

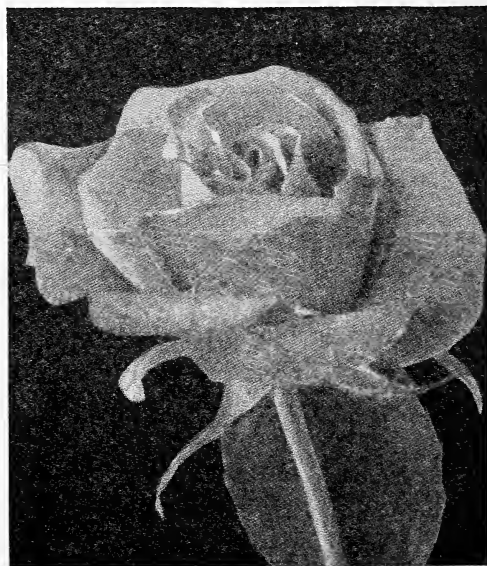
**CLIMBING AMERICAN BEAUTY.** Large, fragrant flowers of rich carmine.

**DOROTHY PERKINS.** Countless clusters of double pink flowers.

**DR. W. VAN FLEET.** Long pointed deep pink buds.

**EXCELSA (Red Dorothy Perkins).** Brilliant scarlet crimson.

**PAUL'S SCARLET CLIMBER.** A brilliant, vivid scarlet.



Sunburst





## Johnson's Hardy Perennial Plants

The size mentioned in the description indicates the approximate height that the plant may be expected to attain at maturity. The months represent the season of bloom.

Prices of Perennials, except where otherwise noted, 15 cts. each; \$1.50 per doz.; \$10.50 per 100.

### Achillea Ptarmica (The Pearl)

Small double white flowers in open heads, blooming profusely all summer. 2 feet. 25 cts. each; \$2.50 per doz.

### Alyssum Saxatile compactum

(Basket of Gold, Gold Tuft, Rockmadwort)

For the rockery or border; 1 foot high; bright yellow flowers. 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

### Anchusa (Dropmore)

Beautiful rich blue. 5 to 6 feet. 35 cts. each; \$3.50 per doz.

### Aquilegia

LONG-SPURRED VARIETIES. A selected strain of immense flowers in all the brilliant shades. 30 cts. each; \$2.50 per doz.

### Hardy Asters (Michaelmas Daisies)

They flower at a time when few hardy plants are in bloom. 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

### Bleeding Heart (Dicentra Spectabilis)

(Seal Flower)

50 cts. each; \$5.00 per doz.

### Boltonia Latisquama

Very showy pink flowers, fine for cutting. August and September. 4 to 5 feet. 25 cts. each; \$2.50 per doz.

### Campanula (Bluebells)

MEDIA (Canterbury Bells). Separate colors, blue, pink, white and mixed. 25 cts. each; \$2.50 per doz.

MEDIA CALYCANTHEMA (Giant Cup and Saucer Canterbury Bells). Separate colors, blue, pink, white and mixed. 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

### Chrysanthemums

LARGE-FLOWERED OR SHAGGY VARIETIES. All standard varieties and colors. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

SMALL-FLOWERED OR BUTTON VARIETIES. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

### Coreopsis Lanceolata Grandiflora

Large, showy, bright yellow flowers. June till frost. 25 cts. each; \$2.50 per doz.

### Hardy Daisy (Bellis Perennis)

(English Daisy)

Large double-flowering pink and white. 50 cts. per basket.

### Delphiniums (Hardy Larkspur)

BELLADONNA. The freest and most continuous blooming of all. The clear turquoise blue of its flowers is unequalled for delicacy and beauty. 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

FORMOSUM. Best dark blue. 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

### Digitalis (Foxglove)

Old-fashioned hardy biennial plants with broad foliage and showy flowers, borne on spikes. June and July. 25 cts. each; \$2.50 per doz.

### Funkia

UNDULATA VARIEGATA (Plantain Lily). Green leaves margined and edged white. 30 cts. each; \$2.75 per doz.

SUBCORDATA GRANDIFLORA. Large white flowers, borne in heads. Foliage green, pointed; sweet scented. 18 inches. Aug. and Sept. 40 cts. each; \$3.75 per doz.

### Gaillardia Grandiflora

Color ranging from red to yellow, dark maroon center. 3 feet. June to frost. 25 cts. each; \$2.50 per doz.

### Geum (Avens)

MRS. BRADSHAW. Large double flowers of the brightest scarlet color. 30 cts. each; \$2.50 per doz.

### Gypsophila Paniculata

(Baby's Breath)

Minute white flowers. 25 cts. each; \$2.50 per doz.

### Helianthus Giganteus

(Hardy Sunflowers)

Medium sized bright canary-yellow flowers in September and October. 6 feet. 25 cts. each; \$2.50 per doz.

### Hemerocallis

FLAVA (Lemon Day Lily). Fragrant yellow flowers in June. 2 feet high. 25 cts. each; \$2.50 per doz.

FULVA (Orange Day Lily). 25 cts. each; \$2.50 per doz.

### Hibiscus

CRIMSON EYE. Large white flowers with a crimson purple eye. August and September. 6 to 7 feet. 50 cts. each; \$5.50 per doz.

Extra large plants.

MILITARIS. Large, light pink flowers, crimson center. July to September. 5 to 6 feet. 50 cts. each; \$5.50 per doz. Extra large plants.

### Hollyhocks

Single or double. Flowers form rosettes of lovely shades of yellow, crimson, rose, pink, orange and white. 30 cts. each; \$3.00 per doz.

### Iberis Sempervirens

(Hardy Candytuft)

Pure white flowers. 8 to 10 inches. 25 cts. each; \$2.50 per doz.

### Lily of the Valley

For outdoor planting in shaded places. Pure white flower bells appear on stems about 8 to 10 inches long in the latter part of May. 25 cts. per doz.; \$2.00 per 100.

### Linum Perenne (Flax)

A desirable plant for the border or rockery, growing 2 feet high, with light, graceful foliage and large blue flowers all summer. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

### Lupinus (Lupines)

These flower in May and June; are 3 to 4 feet high. In dry weather water liberally to prolong the bloom.

POLYPHYLLUS. Blue, white and pink. 35 cts. each; \$3.50 per doz.

### Lychnis (Campion)

Lychnis are of the easiest culture, thriving in any soil.

### Monarda Didyma

(See Balm). Bright scarlet flowers in terminal heads. July to September. 2 to 3 feet. 25 cts. each; \$2.50 per doz.

### Myosotis Alpestris

(Alpine Forget-Me-Not)

Splendid for beds, borders and rockeries. 20 cts. each; \$2.00 per doz.

### Ornamental Grasses

We carry a full line of all varieties. Prices on application.

### Pentstemon (Beard Tongue)

Most desirable perennials for either border or rockery. BARBATUS TORREYI. Spikes of brilliant scarlet; height 2 to 5 feet; June to August. 30 cts. each; \$3.00 per doz.

### Phlox Subulata

(Moss or Mountain Pink)

An early spring-flowering type. An excellent plant for the rockery or the border and invaluable for carpeting the ground or covering graves.

ALBA. Pure white. Each 25 cts.; \$2.50 per doz.

LILACINA. Light lilac. Each 25 cts.; \$2.50 per doz.

ROSEA. Bright rose. Each 25 cts.; \$2.50 per doz.

### Hardy Phlox

PANICULATA. We can furnish all colors and varieties. 25 cts. each; \$2.50 per doz.

### Physostegia (False Dragon Head)

Forming dense bushes 3 to 4 feet high.

VIRGINICA. Bright, but soft pink. Each 25 cts.; \$2.50 per doz.

ALBA. Pure white. Each 25 cts.; \$2.50 per doz.

### Hardy Garden Pinks (Double)

ELSIE. Bright rose and maroon center.

ESSEX WITCH. Delicate pink, finely fringed.

WHITE RESERVE. Very double and pure white.

Prices, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



# Johnson's Seeds that Produce

## JOHNSON'S HARDY PERENNIAL PLANTS—Continued

Six plants of a variety at dozen rate; 25 at 100 rate.

Prices of Perennials, except where otherwise noted, 15 cts. each; \$1.50 per doz.; \$10.50 per 100.

### Platycodon

(Balloon Flower or Japanese Bellflower)

Flowers from June to October.

**GRANDIFLORUM.** Deep blue-cupped, star-shaped flowers. 1½ feet. 25 cts. each; \$2.50 per doz.

**ALBUM.** A white-flowered form of the above. 25 cts. each; \$2.50 per doz.

### Poppy

**ORIENTAL.** Beautiful showy scarlet. 25 cts. each; \$2.50 per doz.

### Pyrethrum

**ULIGINOSUM** (Giant Daisy). Grows 3 to 4 feet high with large white daisy-like flowers, 3 inches in diameter, from July to September. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

### Rudbeckia (Golden Glow)

Flowers beautiful golden yellow and very double. June till fall. 6 to 8 feet. Each 25 cts.; \$2.50 per doz.

### Scabiosa

The flowers are gigantic, measuring frequently 3 inches and more in diameter. Average height, 2½ feet. Very free flowering.

**CAUCASICA** (Blue Bonnet). A delicate shade of lavender blue starting in flower in June and lasting well through the summer. 50 cts. each; \$5.00 per doz.

**CAUCASICA ALBA.** White. Like the above except in color. 50 cts. each; \$5.00 per doz.

### Sedum

**SPECTABILE.** Handsome rose-colored flowers in immense heads during late fall. 18 inches. 20 cts. each; \$2.50 per doz.; \$16.00 per 100.

### Shasta Daisy (Alaska)

Large, snowy-white flowers 4 inches across. 25 cts. each; \$2.50 per doz.

### Stokesia (Laevis)

**CYANEA** (Cornflower Aster). Large deep blue flowers from August to October. 25 cts. each; \$2.50 per doz.

**CYANEA ALBA.** Same as above only pure white. 25 cts. each; \$2.50 per doz.

### Sweet William (Dianthus Barbatous)

**NEWPORT PINK.** Rich salmony rose. 20 cts. each; \$2.00 per doz.

**BRIGHT SCARLET.** Effective color. 20 cts. each; \$2.00 per doz.

**PURE WHITE.** Very large. 20 cts. each; \$2.00 per doz.

**MIXED.** Containing all colors. 20 cts. each; \$2.00 per doz.

### Tritoma

**PFITZERI** (Red Hot Poker, Flame Flower or Torch Lily). Color a rich brilliant orange; medium height. Summer till fall. 35 cts. each; \$3.50 per doz.

### Veronica (Speedwell)

The Speedwells are mostly natives of New Zealand, flowers being of a blue shade, varying to rose and dull white. 1 foot. July to August. 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

### Yucca (Adams Needle)

The tall flower spikes rise 4 to 5 feet, with cream-white bell-shaped drooping flowers in July and August.

**FILAMENTOSA.** White with reflexed flower bells. Extra strong plants. 30 cts. each; \$2.50 per doz.; \$20.00 per 100.

### Hardy Water Lilies—Nymphaea

**ODORATA.** The fragrant Pond Lily of the northeastern United States; flowers white, 3 to 5 inches in diameter, stamens yellow; leaves dark green above, under surface deep red to reddish green; splendidly adapted for planting in quantity in natural ponds. Each \$1.00; doz., \$9.50.

**MARLIACEA OHRMATELLA.** Petals and stamens bright yellow, 4 to 6 inches across. A very strong, free and continuous bloomer. Each, \$2.50.

**TUBEROSA ROSEA.** Flowers an exquisite shade of pink. A vigorous grower, of the easiest culture. Each, \$1.50.

### Hardy Perennial Vines

	Each	Doz.
<b>BOSTON IVY</b> .....	\$1.00	\$10.00
<b>CLEMATIS PANICULATA.</b> White.....	.50	4.50
<b>CLEMATIS JACKMANI.</b> Purple.....	1.00	
<b>DUTCHMAN'S PIPE</b> .....	1.00	
<b>HONEYSUCKLE</b> .....	.40	4.00
<b>MYRTLE</b> .....	.30	3.00
<b>PACHYSANDRA</b> .....	.35	3.00
<b>POLYGONUM</b> .....	1.50	13.50
<b>WISTARIA</b> .....	.75	7.00

## HERBACEOUS PEONIES

**Insectrogen**  
KILLS MOST LEAF-EATING INSECTS

See page 72

Plant in good deep rich soil so that the crown of the plant is about 2 inches below surface. Mailing weight, 16 ounces each root.

**ALBATRE.** Large, compact, globular rose type. Petals edged milk-white with the fine line of lilac. Strong grower and free bloomer. \$1.00 each; \$10.00 per doz.

**DORCHESTER.** Large, compact rose type; pale pink; fragrant. Free bloomer. Dwarf. 75 cts. each; \$7.50 per doz.

**DUCHESS DE NEMOURS.** Medium size. Sulphur-white. Free bloomer and strong grower. 75 cts. each; \$7.00 per doz.

**EDULIS SUPERBA.** Deep rose pink with lighter shadings. The earliest variety in our collection. 75 cts. each; \$7.50 per doz.

**EUGENIE VERDIER.** Pale hydrangea pink flecked with crimson. \$1.25 each; \$12.00 per doz.

**FELIX CROUSSE.** Large; globular, brilliant red. Free bloomer. One of the best red Peonies. \$1.00 each; \$10.00 per doz.

**FESTIVA MAXIMA.** Very large; white. Vigorous grower. One of the best whites. 75 cts. each; \$7.50 per doz.

**GOLDEN HARVEST.** Peach blossom pink with creamy white center. \$1.00 each; \$10.00 per doz.

**JEANNE D'ARC.** A choice variety notable for the exquisite perfume and other good cutting qualities. Guards pale lilac pink, with full tufted center of sulphur white. \$1.00 each; \$7.50 per doz.

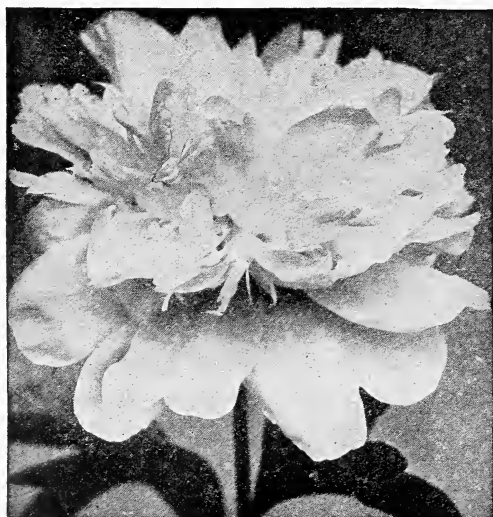
**LA TULIPE.** Very large globular flesh pink, shading to ivory white; center petals tipped carmine. \$1.00 each; \$10.00 per doz.

**MME. DE VERNEVILLE.** Broad sulphur white guard petals and compact white center; touched carmine. \$1.00 each; \$10.00 per doz.

**MME. DUCEL.** A very perfectly formed globular flower of a bright silvery pink, with salmon shadings and silvery reflex. \$1.00 each; \$10.00 per doz.

**MILE. LEONIE CALOT.** Delicate rose with lilac pink center. Good grower. Medium tall. 75 cts. each; \$7.50 per doz.

**RICHARDSON'S RUBRA SUPERBA.** Deep carmine or crimson. Fragrant. Good grower. Very late. \$1.00 each; \$10.00 per doz.



Peony—Dorchester



## Hardy Ornamental Shrubs For Spring Planting

### Almond—Double Flowering

See PRUNUS.

### Althea, Hibiscus Syriacus

(Rose of Sharon)

ADMIRAL DEWEY. Double, pure white.

DUC DE BRABANT. Double red.

PAEONAEFLORA. Double, clear pink.

VARIEGATA. Variegated leaved; a dwarf variety with leaves margined silvery-white.

Prices of above four varieties:	Each	Doz.
2 feet.....	\$0.75	\$ 6.00
3 feet.....	1.00	10.00
4 feet.....	1.25	12.50

### Buddleia

(Summer Lilac or Butterfly Bush)

VARIABILIS VEITCHIANA. 2 year, 75 cts. each.

### Deutzia

SCABRA WATERERI. Beautiful single pink. Flowers in June. GRACILIS. Slender, often arching branches. Low, dense, globular habit; flowers pure white in racemes.

LEMOINEI. A vigorous grower and excellent for forcing; early bloomer; panicles of pure white flowers. Blooms in May and June.

Prices of above varieties:	Each	Doz.
2 to 3 feet.....	\$0.90	\$8.50
1 to 1½ feet.....	.60	6.00

### Dogwood

(Cornus)

CORNUS ALBA SIBIRICA (Siberian Dogwood). A strong growing variety, crimson colored branches in winter. 90 cts. each.

FLORIDA (White-flowering Dogwood). White flowers in spring and rich crimson foliage in autumn. Plants, 4 to 5 feet high, \$1.25 each.

RUBRA (Red-flowering Dogwood). Flowers rich rosy red. Plants, 2 to 3 feet high. \$1.50 each.

SANGUINEA (Red-twigged Dogwood). Crimson colored branches; especially attractive in winter. 80 cts. each.

### Crab

(Bechtel Double Flowering)

Shapely, compact tree with clusters of double, soft pink, fragrant flowers. 4 to 5 ft., extra fine, \$2.00; 5 to 6 ft., \$3.50 to \$5.00; 6 to 7 ft., \$6.00 to \$8.00; 7 to 8 ft., \$8.00 to \$10.00.

### Euonymus

(Strawberry or Burning Bush)

ALATUS (Winged Burning Bush). 2 to 3 ft., extra bushy, \$1.75; balled and burlapped, 5 to 6 ft., \$5.00 to \$7.00; 6 to 8 ft., \$8.00 to \$10.00.

### Forsythia

SUSPENSА (Weeping Golden Bell). Long, graceful branches drooping to the ground with handsome yellow trumpet-shaped flowers in April.

SUSPENSА FORTUNEI (Golden Bell). Before any tree or shrub shows a leaf they burst into glorious masses of golden yellow, drooping flowers.

Prices of above varieties:	Each	Doz.
2 to 3 feet.....	\$0.75	\$7.50

### Halesia

HALESIA TETRAPTERA (Silver Bell or Snowdrop Tree). One of the most desirable tall shrubs, with pretty bell-shaped snowdrop-like white flowers in May. \$1.25 each.

### Hydrangea

PANICULATA. Larger growing bush than the well known Grandiflora, and blooms a month later; buds do not all open. Height, 12 feet. 2-ft. plants, 90 cts. each; \$9.00 per doz.

PANICULATA GRANDIFLORA. The well known hardy Hydrangea. Pure white when opening, but later of a purplish-pink. \$1.00 each; \$10.00 per doz.

### Japanese Quince

(Cydonia Japonica)

A shrub with spreading spiny branches. Glossy leaves; flowers deep scarlet, in clusters. Quince-shaped, golden yellow fruit. 3 feet. \$1.50 each.

### Lilacs

(Common Varieties)

PURPLE, WHITE, PERSIAN, WHITE PERSIAN. 2 feet. 75 cts. each; \$6.50 per doz.

VILOSA (S. Villosa). Color light pink. Valuable for late blooming. 2 feet. 75 cts. each; \$6.50 per doz.

### Lonicera

(Bush Honeysuckle)

MORROWI (Japanese Bush Honeysuckle). 2 to 3 ft., 75 cts.; 4 to 5 ft., specimens, \$1.25.

### Prunus

PRUNUS JAPONICA FL. PL. (Double-flowering Almond).

Dwarf shrub, producing showy double flowers early in May. We can supply both white and pink. Plants, 2 to 3 feet high, \$1.00 each.

PISSARDI (Purple-leaved Plum). A dwarf shrub, covered with single white flowers in spring; leaves are a lustrous crimson, changing to a rich purple. Plants, 3 to 4 feet high, \$1.00 each.

### Sambucus

(Elder)

SAMBUCUS NIGRA AUREA (Golden Elder). One of the best yellow foliage shrubs; color is remarkably bright. 75 cts. each.

### Spirea

ANTHONY WATERER. Flowers scarlet crimson, blooming profusely from June to October. Strong plants. 2 feet. 1 ft., 75 cts. each; \$6.50 per doz. 1½ ft., \$1.00 each; \$9.00 per doz.

BRIDAL WREATH (S. Prunifolia). Flowers double, white and very abundant. May. 4 feet. 2 ft., 75 cts. each; \$7.50 per doz.

ST. PETER'S WREATH (S. Van Houttei). It forms a round and graceful bush, with arching branches, which in June have beautiful white blossoms. 2 ft., 60 cts. each; \$6.50 per doz. 3 ft., 75 cts. each; \$7.50 per doz.

### Symphoricarpos

(The Coralberry, Indian Currant and Snowberry)

RACEMOSUS (Snowberry). 2 to 3 ft., 75 cts.

VULGARIS (Coralberry or Indian Currant). 2 to 3 ft., 35 cts.; 3 to 4 ft., bushy, \$1.00.

### Syringa

(Philadelphus)

GOLDEN (P. Coronarius Folii Aurei). A graceful variety, with bright yellow foliage. Height, 5 feet. 1½ ft., \$1.25 each; \$12.00 per doz.

MOCK ORANGE (P. Coronarius). Shrub with upright branches; pure white, fragrant flowers are produced in clusters in June; foliage dark green. 6 feet. 3 ft., 75 cts. each; \$7.50 per doz.

LARGE-FLOWERED MOCK ORANGE (P. Grandiflora). A vigorous, upright variety, with large showy flowers in June; it grows rapidly. Height 12 feet. 3 ft., 75 cts. each; \$7.50 per doz.

### Tamarix

TAMARIX HISPIDA AESTIVALIS. Delicate soft pink flowers in July and August. 75 cts. each.

INDICA. Very strong-growing, with feathery plumes of pale pink flowers in late summer and autumn. 75 cts. each.

### Viburnum

(Snowball)

EUROPEAN HIGH BUSH CRANBERRY (V. Opulus). Red berries resembling cranberries remain until early winter. Height, 12 feet. 2 ft., 75 cts.; 3 ft., \$1.00; 4 ft., \$1.25 each.

### Weigela

CANDIDA. Flowers pure white. Height, 8 feet. 3 ft., \$1.00 each; \$10.00 per doz.

ROSEA. Pink flowers in June. Height, 6 feet. 2 ft., 85 cts. each; \$8.50 per doz.

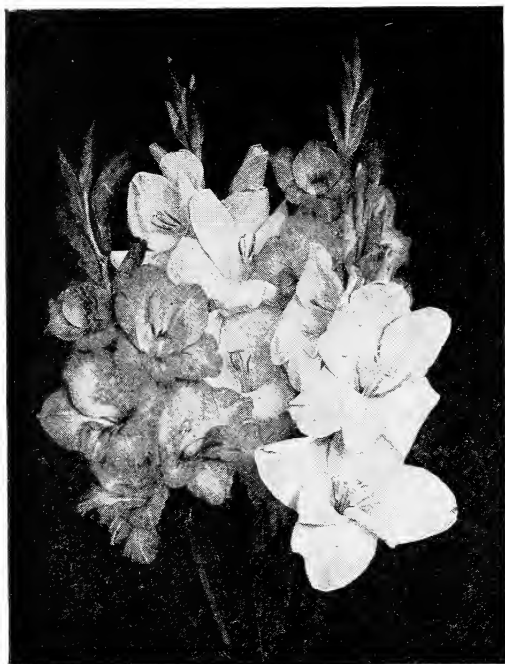
### Hedge Plants

PRIVET, California (Ovalfolium). Plant 10 to 15 inches apart in double rows, alternating the plants. 18 to 24 inches high, 2-yr. plants, \$6.50 per 100; \$60.00 per 1000.

BARBERRY, Berberis Thunbergii. Of low, dense growth. Requires but little pruning. Leaves bright green. The branches in the fall are covered with bright red berries. Plant 8 to 12 inches apart in single rows. 12 to 18 inches high, heavy, 55 cts. each; \$5.50 per doz.; \$42.00 per 100. 18 to 24 inches high, heavy, 95 cts. each; \$7.50 per doz.; \$55.00 per 100.



# Johnson's Seeds that Produce



Prince of Wales and Peace

## Johnson's Superb Named Gladioli

This is one of the best of the summer-flowering bulbs. It is a flower anyone can grow, and is lovely enough to satisfy the most exacting. There is no limit to the range of color—pink, scarlet, crimson, yellow, white and a host of other colors. Nothing is finer for vases than a bunch of Gladioli. The flowers will last for days, and the buds develop into blossoms after being cut.

**GLADIOLUS CULTURE.** Free on request with any order.

### JOHNSON'S BLUE RIBBON MIXTURE

Wonderful colorings are to be found in this assortment of varieties made up from the choice named sorts we list. We believe the mixture is unexcelled. All are of the best blooming size and are first quality bulbs in every respect. We cannot recommend it too highly. Doz., 60 cts.; 100, \$4.00; 1,000, \$35.00.

**ALICE TIPLADY.** A grand, large Primulinus of the most beautiful orange saffron. Very choice. Each, 10 cts.; doz., \$1.00; 100, \$6.50.

**AMERICA.** Beautiful soft pink. The individual flowers are very large and massive. Each, 10 cts.; doz., 60 cts.; 100 \$4.00.

**ANNA EBERIUS.** Dark velvety plum rose, throat deeper shade. Each, 10 cts.; doz., \$1.00; 100, \$7.00.

**BARON HULOT (Blue King).** Good sized flower, well arranged on straight spikes. Dark violet bordering on blue. Each, 15 cts.; doz., \$1.25; 100, \$7.50.

**CHICAGO WHITE.** Pure white with crimson carmine on midribs of three lower petals. Each, 10 cts.; doz., \$1.00; 100, \$6.00.

**DUCHESS OF YORK.** Deep clear blue. Each, 15 cts.; doz., \$1.25; 100, \$7.00.

**EVELYN KIRTLAND.** Beautiful shade of rosy pink, darker at the edges, fading to shell pink at center, with brilliant scarlet blotches on lower petals. Each, 15 cts.; doz., \$1.00; 100, \$7.00.

**FLORA.** Beautiful deep golden yellow. Each, 15 cts.; doz., \$1.50; 100, \$10.00.

**HALLEY.** Delicate salmon pink, with a slight rosy tinge. Lower petals have a creamy blotch with a bright red stripe in center. Each, 10 cts.; doz., 75 cts.; 100, \$4.75.

**HERADA.** Blooms of immense size on tall straight spikes. Color pure mauve, glistening and clear. Each, 10 cts.; doz., \$1.00; 100, \$7.00.

**KUNDERDI GLORY.** A delicate cream pink, each lower petal having an attractive crimson stripe through the center. Prettily ruffled and fluted. Each, 15 cts.; doz., \$1.50; 100, \$10.00.

**LE MARECHAL FOCH.** Very delicate pink with enormous wide open flowers very early. Each, 10 cts.; doz., 75 cts.; 100, \$5.50.

**LOVELINESS.** A clear creamy white, slightly suffused, apricot in the throat. Each, 15 cts.; doz., \$1.50; 100, \$10.00.

**MARY PICKFORD.** A comparatively new variety of dainty coloring; splendid spikes with large expanded blooms of a delicate creamy white, the throat suffused with soft canary yellow. Each, 15 cts.; doz., \$1.50; 100, \$10.00.

**MRS. DR. NORTON.** White, the edges suffused with soft La France pink. Each, 10 cts.; doz., \$1.00; 100, \$7.00.

**MRS. FRANCIS KING.** Its color is a light scarlet, very large flowers, usually measuring from 2½ to 4 inches in diameter. Each, 10 cts.; doz., 75 cts.; 100, \$4.50.

**MRS. FRANK PENDLETON.** Salmon pink with a very conspicuous blood red blotch in the throat on the lower petals. Very strong, growing from four to six feet. Each, 10 cts.; doz., 75 cts.; 100, \$5.00.

**NIAGARA.** A delightful cream shade with the two lower inside petals or segments blending to canary yellow. Each, 10 cts.; doz., \$1.00; 100, \$7.00.

**PANAMA.** Improvement on the original America, being a somewhat deeper pink. Each, 10 cts.; doz., \$1.00; 100, \$6.50.

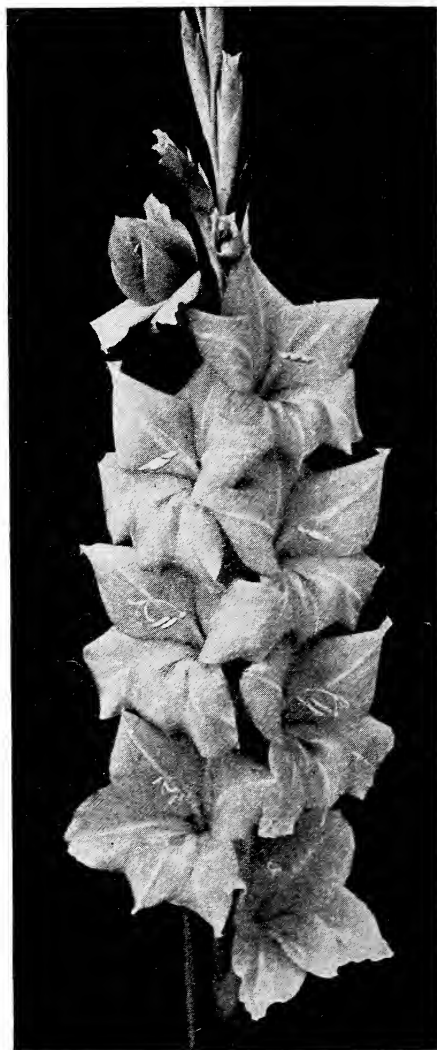
**PEACE.** A beautiful white, while interior petals are feathered pale lilac. Each, 10 cts.; doz., 75 cts.; 100, \$5.00.

**PRINCE OF WALES.** Delicate salmon rose. Each, 10 cts.; doz., \$1.00; 100, \$6.00.

**PRINCEPS.** Brilliant scarlet-crimson, white blotch on lower petals. Each, 10 cts.; doz., \$1.00; 100, \$6.50.

**SCHWABEN.** The flowers are a pure canary yellow, shading to a sort of sulphur yellow when opening. Each, 10 cts.; doz., 60 cts.; 100, \$4.00.

**WAR.** Deep blood red shaded crimson black; very tall and conspicuous. Each, 15 cts.; doz., \$1.25; 100, \$9.00.



Evelyn Kirtland

GLADIOLI BULBS ARE PREPAID AT PRICES GIVEN.

# Johnson's Seeds that Produce



## DAHLIAS

We offer the following very carefully selected list of Dahlias. After careful trials by a Dahlia expert, we are sure all will be found highly satisfactory in every respect. Price quoted includes free delivery.

### Cactus Dahlias

**ATTRACTION.** Entirely distinct. Immense formal flowers with broad petals coming abruptly to a point; color a beautiful lilac mauve. 75 cts. each; 6 for \$4.00.

**CALIFORNIA BEAUTY.** See cut. Probably the nearest approach to a pure copper, a flower of excellent form and dainty appearance produced most prolifically on long stiff wiry stems; a gem in the garden and a splendid cut flower. 50 cts. each.

**COUNTESS OF LONSDALE.** A pleasing blending of salmon pink and amber, a color difficult to describe. Each, 30 cts.; doz., \$3.00.

**CRYSTAL.** A great exhibition flower of large size and splendid form; long twisted incurved tubular petals of a tender silvery pink, which passes gradually towards the center to a soft ivory white. Each, 50 cts.

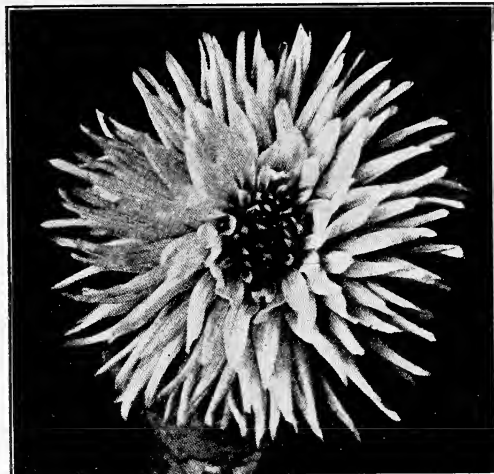
**KALIF.** Color vivid turkey red. Each, 50 cts.; doz., \$4.50.

**LAWINE.** Pure white, with a suggestion of blush at center. Each, 35 cts.; doz., \$3.00.

**STANDARD BEARER.** Bright pure scarlet. Flowers large, thick and full to center; of symmetrical and perfectly round form; petals semi-quilled. Each, 35 cts.; doz., \$3.00.

**SULPHUR QUEEN.** A splendid large flower of true Cactus form of a clean sulphur yellow, early and free; the best of this color yet introduced. Each, 50 cts.

**TALISMAN.** A gorgeously colored flower of a deep blood red with maroon shadings. Many of the long petals incurve slightly, showing the reverse of the tips which gives the flower a more or less buff tipped appearance. Each, 75 cts.



California Beauty (Cactus)

### Decorative Dahlias

**BLACK BEAUTY.** Very deep maroon, nearly black. Each, 35 cts.; doz., \$3.00.

**BONNIE BLUE.** The nearest approach to a blue Dahlia. Each, 50 cts.; doz., \$4.50.

**DELICE.** A warm tone of lilaceous pink, overlaid with white. Each, 25 cts.; doz., \$2.50.

**ELDORADO.** Rich yellow. Each, 60 cts.

**EVENTIDE.** A white Dahlia with faint flush of delicate rose on the edge of the flower. Each, 50 cts.; doz., \$5.00.

**HENRY PATRICK.** Very fine white, tall growing, profuse flowerer. Each, 50 cts.

**JACK ROSE.** Brilliant crimson red, similar in shade to the popular "Jack" Rose. Each, 35 cts.; doz., \$3.00.

**REMINGTON.** A fine shade of light pink; free bloomer. Each, 25 cts.; doz., \$2.50.

**SAGAMORE.** Light saffron yellow with glowing red-tinted golden suffusion. A good free bloomer with medium sized flowers which are particularly prized for cutting. Each, \$1.50.

**SYLVIA.** Soft, pleasing mauve pink, changing to white in the center; a fine cut flower. Each, 35 cts.; doz., \$3.00.

**THOMPSON.** Very large, full petaled, somewhat recurved; brilliant scarlet. Each, 25 cts.; doz., \$2.50.

**WILLIAM AGNEW.** Rich, dazzling carmine red. Each, 35 cts.; doz., \$3.00.

### Show Type

**MRS. WELLESLEY.** Creamy white, heavily tipped solferino and crimson. Each, 35 cts.; doz., \$3.00.

**MAUDE ADAMS.** Very dainty; white, with a slight lavender suffusion. Each, 35 cts.; doz., \$3.50.

**A. D. LIVONI.** Warm, rose pink; perfect flowers, with quilled petals which nearly overlap at the ends. Each, 35 cts.; doz., \$3.00.

**CUBAN GIANT (Giant.)** Flowers 6 to 7 inches in diameter, dark, glowing crimson-shaded maroon. Each, 30 cts.; doz., \$3.00.

**PURPLE PENELOPE.** Fine purple Penelope (variegated). Each, 35 cts.; doz., \$3.00.

**RED HUSSAR.** Tall, bushy, upright; a handsome landscape variety. Of rigidly formal show type; its medium sized flowers gleam like rubies at pleasing intervals above a setting of very dark green, crinkled foliage; unrivalled among its fellows. Each, 35 cts.; doz., \$3.00.



Sagamore (Decorative)

DAHLIA BULBS ARE PREPAID AT PRICES GIVEN.





# Johnson's Seeds that Produce

## Large Flowering Cannas

Canna tubers should not be put into the ground until the soil has become warm. They commence blooming in June and continue until late in September. Every shoot bears a flower, and these shoots are being constantly produced throughout the season.

All varieties, except where noted, 15 cts. each; \$1.50 per doz.; \$12.00 per 100, prepaid.

**ALLEMANIA.** Rich red, yellow border. Height 5 feet.

**CANDELABRA.** A fine new variety. 4 ft. Three to five flower branches on each stalk at one time is the average, and every single branch is ablaze with a torch-like flame of orange scarlet bloom. 50 cts. each; \$4.00 per doz.

**CITY OF PORTLAND.** 3½ feet. Distinct among the several really worthwhile pink Cannas. A deep pink which does not fade during the hot weather. A free bloomer, with flowers borne well above the foliage. 30 cts. each; \$3.00 per doz.; \$18.00 per 100.

**DUKE OF MARLBORO.** An attractive deep brilliant crimson. 4 feet.

**EUREKA.** The best white for massing, very free and of fine habit. 4½ feet. 20 cts. each; \$2.00 per doz.; per 100, \$16.00.

**KING HUMBERT.** Bronze foliage. Flowers of a brilliant orange-scarlet, with bright red markings. 5 feet.

**YELLOW KING HUMBERT.** Foliage dark green. Flowers a deep rich yellow, spotted and blotched with bright red.

**KING MIDAS.** 5 ft. Very large flowers of glittering gamboge yellow. An outstanding variety, making glorious trusses on stems as straight as an arrow. A true Canna aristocrat. 75 cts. each; \$6.00 per doz.

**MADAME CROZY.** Vermilion with gold border. 3½ feet.

**QUEEN CHARLOTTE.** Rich pomegranate-red, bordered with golden yellow. 3 feet.

**KARL MERCK.** Beautiful golden yellow. 4½ feet.

**WABASH.** Rosy pink flowers. Foliage rich reddish bronze. 4 feet. 35 cts. each; \$3.50 per doz.; per 100, \$25.00.

**VENUS.** Color soft rosy pink, with a mottled border of creamy yellow. 4 feet.

**WINTZER'S COLOSSAL.** 5 feet. The largest-flowered Canna. Vivid scarlet.

**WYOMING.** Brilliant orange. Purplish-bronze foliage. 6 feet.

## Johnson's Excelsior Double Pearl Tuberoses

Plant in open ground after the first day of May. If started in pots and then transplanted to open ground can be had much earlier.

### MAMMOTH BULBS

**MAMMOTH EXCELSIOR DWARF PEARL TUBEROSES.** This mammoth strain is positively the highest type of tuberose. The kind to grow if you desire prize blooms. 15 cts. each; \$1.50 per doz., \$8.00 per 100, prepaid.

**FIRST SIZE BULBS.** These are choice, selected stock, free flowering, which are borne on long stout stems. 10 cts. each; \$1.00 per doz., \$7.00 per 100, prepaid.

## Caladiums

**ESCULENTUM (Elephant-ears).** Unequaled as a foliage plant. The leaves are shield-shaped, bright green, often measuring 3 feet or more in length and breadth. Need very rich soil and an abundance of water. **Extra large,** 11 to 12 inches in circumference, 40 cts. each; \$4.00 per doz. **First size,** 9 to 11 inches in circumference, 30 cts. each; \$2.75 per doz.; \$17.50 per 100. **Second size,** 7 to 9 inches in circumference, 15 cts. each; \$1.50 per doz.; \$10.50 per 100. **Third size,** 5 to 7 inches in circumference, 10 cts. each; 90 cts. per doz.; \$7.50 per 100, prepaid.

## Cinnamon Vine

Hardy climber with dark green foliage, and bearing a profusion of small white flowers of delicious fragrance. 15 cts. each; \$1.50 per doz., prepaid.

## Madeira Vine

A rapid-growing climber, bearing graceful racemes of fragrant white flowers; of great value for covering porches and arbors. 15 cts. each; \$1.50 per doz., prepaid.

## Johnson's Select Small Fruits

### Five Luscious Strawberries

**BIG JOE (Mid-season).** The plant is unusually vigorous; the fruit is large, of exquisite flavor and produced freely on strong stems held well above the ground.

**GANDY'S PRIZE (Late).** The standard late variety, which has held its own for many years. The berries are borne on long, strong stalks, well above the ground.

**PREMIER (Very early).** The berries are large, beautifully formed and bright red all the way through.

**SENATOR DUNLAP (Mid-season).** The fruit is bright red with a glossy finish shading to a deep scarlet on the under side.

**WILLIAM BELT (Early).** The plant is a vigorous grower, succeeds upon almost all soils, invariably yields heavily, and the berries are always of large size and highest quality, its flesh is solid and deep crimson in color.

Any of the above varieties in strong layer plants, 50 cts. per doz.; \$2.50 per 100; \$20.00 per 1000.

### Autumn-Fruiting or Everbearing

Either of the everbearing varieties, 75 cts. per doz.; \$2.50 per 100; \$20.00 per 1000.

**PROGRESSIVE.** The most prolific fruiting of this type; berries of fair size and produced in great abundance; they are of an attractive deep, glossy crimson color and of good flavor.

**SUPERB.** The fruit is very large, glossy dark red color, particularly firm and of choicest quality. The Superb is the largest fall strawberry.

### Five Best Hardy Grapes

**CONCORD.** The most popular black grape; succeeds everywhere.

**MOORE'S DIAMOND.** Greenish-white, with rich yellow tinge.

**MOORE'S EARLY.** Large, black; good quality.

**NIAGARA.** Berries large, light greenish-white; slightly ambered.

Strong selected two-year-old vines, 35 cts. each; \$3.50 per doz.

## Currants

**BLACK NAPLES.** Large black, for preserves.

**FAY'S PROLIFIC.** Largest and finest red.

**PERFECTION (New).** Color, red; larger than Fay.

40 cts. each; \$4.00 per doz.; \$30.00 per 100.

## Blackberries

**EL DORADO.** One of the best; large, sweet and tender; very hardy.

**SNYDER.** One of the oldest and still one of the most popular. \$1.00 per doz.; \$7.00 per 100.

## Raspberries

**CUMBERLAND.** A large black cap of exceedingly fine quality.

**CUTHBERT.** Large, deep, rich crimson.

\$1.00 per doz.; \$7.00 per 100; \$60.00 per 1000.



## Miscellaneous Garden Requisites

**ASPARAGUS KNIFE or LAWN WEEDER.** Drop forged blade. Birch handle, 15 inches long. Weight, 1 lb. Each, 65 cts.

**DIBBLE.** Iron handle; steel point. Each, 75 cts.; 5 or more at 65 cts.

**FLOWER POTS.** (See Pots.)

**FORKS, MANURE.** Strapped ferrules. 6 tines. Each, \$2.25.

**FORKS, SPADING.** All steel with strapped ferrules. Each, \$2.00.

**GARDEN LINE.** White, glazed. Superior to Italian Hemp garden line. 48 feet weighs 6 ounces. 48 feet, 75 cts.

**"PEERLESS" GLAZING POINT.** (Improved Van Reyper.) Price per 1,000, 75 cts.; postpaid, 90 cts. 5,000, \$3.50, by express.

**GRAFTING WAX.** ¼ lb., 30 cts.; ½ lb., 45 cts.; lb., 65 cts.

**GRASS EDGER, AMERICAN.** 9 inch blade. \$1.50.

**HANGING BASKETS.** Galvanized wire. 8 in., 35 cts.; 10 in., 45 cts.; 12 in., 60 cts.; 14 in., 85 cts.; 16 in., \$1.05.

**HOE**  
Scuffle or Push Hoe with Handle. American. 9 and 10 in., \$1.50; 7 and 8 in., \$1.25; 6 in., \$1.10.  
Warren. Heartshaped Hoe; 5 foot handle. \$1.35.

**HOTBED SASH.** Unglazed. Four rows glass 8x10 inches square. Each, \$3.50. Cypress, knock-down, 5 for \$17.00.

**KNIVES, PRUNING.** Ivory handle. Each, \$1.00.

**KNIVES, PROPAGATING.** Ivory handle. Each, \$1.00.

**POT LABELS.** Wooden, painted.

	100	1000
4 inch .....	\$0.40	\$2.00
5 inch .....	.50	2.75
6 inch .....	.60	3.25

**GARDEN LABELS.** Painted.

	100	1000
8 inch .....	\$1.50	\$9.00
10 inch .....	2.20	12.00
12 inch .....	3.00	16.00

**TREE LABELS** Wooden, 3½ inch, copper wired. 100. 60 cts.; 1,000, \$3.25

**MASTICA.** For glazing greenhouses, hotbeds, sash, etc.; better than putty, does not crack, always remains soft. Per gallon, \$2.75.

**MASTICA MACHINE.** For applying above. Weight, 1½ pounds. Each, \$3.00.

**MOSS, LOG, GREEN.** Per bag, \$3.00.

**MOSS, SPHAGNUM, DRIED.** Bale, \$3.00; 5 bales, \$13.75.

**MOLE TRAP, THE REDDICK.** Each, \$1.25.

**OSMUNDINE FIBRE.** Used for potting Orchids. Per bag, \$3.50.

**PAPER, FOR WRAPPING FLOWERS.**

	Lb.	Ream
Plain White Tissue, 24x36.....	\$0.30	\$2.50
White Wax, 24x36.....	.35	4.00
Green Wax, 24x36.....	.40	4.25

**CLAY FLOWER POTS.** Prices for Standard, Low or Azalea Styles.

Size	Each	Doz.	100	1000
2 inch .....	\$0.05	\$ 0.35	\$ 1.75	\$ 14.25
2½ inch .....	.05	.40	2.00	18.00
3 inch .....	.05	.50	2.75	25.00
4 inch .....	.07	.70	5.00	35.00
5 inch .....	.10	1.10	7.50	66.00
6 inch .....	.20	1.60	11.00	100.00
7 inch .....	.25	2.75	18.00	....
8 inch .....	.40	3.75	25.00	....
9 inch .....	.60	5.50	40.50	....
10 inch .....	.75	7.50	65.00	....
12 inch .....	1.50	15.00	....	....

**CLAY SAUCERS**

Size	Each	Doz.	100	Size	Each	Doz.	100
4 inch....	\$0.05	\$0.50	\$ 3.25	9 inch....	\$0.20	\$2.00	\$16.00
5 inch....	.07	.60	3.80	10 inch....	.25	2.50	20.50
6 inch....	.12	.80	5.80	11 inch....	.35	3.50	25.00
7 inch....	.15	1.00	7.50	12 inch....	.45	4.00	30.50
8 inch....	.18	1.50	10.00	14 inch....	.60	....	....

**NEPONSET PAPER POTS.** Made of waterproof paper; light, clean and unbreakable.

Size	Doz.	100	1000
2½ inch .....	\$0.15	\$0.75	\$ 5.50
3 inch .....	.22	.80	7.20
3½ inch .....	.25	1.20	9.50
4 inch .....	.35	1.60	12.00
5 inch .....	.40	2.35	18.50
6 inch .....	.55	3.10	23.50

**RUBBER SAUCERS.** Far cheaper in the end than earthenware. Extremely desirable on account of being absolutely waterproof.

Size	Each	Doz.	Size	Each	Doz.
5 inch.....	\$0.35	\$ 3.60	12 inch.....	\$0.55	\$ 6.30
6 inch.....	.37	3.90	14 inch.....	.78	8.40
7 inch.....	.40	4.20	16 inch.....	1.41	15.00
8 inch.....	.42	4.50	18 inch.....	1.62	20.00
9 inch.....	.46	4.90	20 inch.....	2.00	22.00
10 inch.....	.50	5.30			

**PUTTY.** Twemlow's Old English. Semi-liquid. Per gal., \$3.25.

**CLYDE TREE PRUNERS.** With removable cutting blade and pole complete.

	Each
6 feet .....	\$2.25
8 feet .....	2.50
10 feet .....	2.75
12 feet .....	3.00

Extra Blades for Clyde Pruners, 25 cts. each.

**PUTTY BULB.** Scollay's. Useful tool with a tube for applying liquid putty in glazing greenhouses. (Weight, 1½ lbs.) Each, \$1.50.

**RAFFIA.** Natural color. Lb., 45 cts.; 5 lbs., \$2.00.

**RAFFIA.** Green. Lb., \$1.50.

**RAKES.** Wire and Steel.

Wire Lawr. or Grass. Heavy tinned steel, reversible. 24 teeth, 85 cts.; 36 teeth, \$1.25.  
Lawn and Garden. Made of the best cast steel. 12 teeth, \$1.10; 14 teeth, \$1.25; 16 teeth, \$1.40.  
Steel Bow Rakes. 12 teeth, \$1.10; 14 teeth, \$1.20; 16 teeth, \$1.30.

**RAKES.** Wooden.

Ole Olson Lawn Rake. Has 26 wooden teeth. Head is slightly curved; hickory wood. \$1.40.  
Automatic Lawn Rake. Self cleaning; made of hard wood. 26 teeth, \$1.75; 38 teeth, \$2.25.

**SHEARS, LOPPING.** Rhodes' Double Cut Wood Handled Pruner. The most powerful pruner made. Made in three lengths: 20 inch, 26 inch and 30 inch. Each, any length, \$5.00. Shipping weight about 5 lbs.

**SHEARS, PRUNING.** Wiss Jr. No. 209. An extra fine quality shear, made of the best steel. \$1.50 each.

**SHEARS, PRUNING.** Wiss No. 109. The very best shear made. Each, \$4.50.

**SHEARS, HEDGE.** No. 100. Forged solid steel. Steel ferrules. 8 inch, \$2.50; 9 inch, \$3.00; 10 inch, \$3.50.

**SHEARS, HEDGE.** No. 101. Notched with knife edge for cutting heavy growth. Each, 8 inch, \$3.00; 9 inch, \$3.50.

**SHEARS, BORDER.** No. 104. Without wheel. Forged solid steel, 36 inch handles. Each, 8 inch, \$6.00; 9 inch, \$6.50; 10 inch, \$7.00.

**SHEARS, BORDER.** No. 105. With wheel. Forged solid steel, 36 inch handles. Each, 8 inch, \$6.50; 9 inch, \$6.75; 10 inch, \$7.25.

**SHOVELS.** Dennis, solid steel, square or round point, D handle. Each, \$2.50.

**SILKALINE.** For stringing smilax, etc. Spool, 35 cts.; 8 spools, \$2.50.

**SPADES, STEEL.** Best. Each, \$2.00.

**SPADING FORK.** Best steel. Each, \$2.00.

**SPRINKLER, SCOLLAY'S RUBBER.** Each, \$1.50.

**SYRINGES, BRASS GREENHOUSE.** No. 11. One stream, two sprays. Each, \$6.50.

**POINTED FLORAL OR HYACINTH STAKES.** Used for staking Hyacinths, Tulips, etc. Dyed green. 12 inch, doz., 10 cts.; 100, 35 cts.; 1000, \$2.50. 18 inch, doz., 15 cts.; 100, 60 cts.; 1000, \$4.00.



# Johnson's Seeds that Produce

## Miscellaneous Supplies—Continued

### STAKES, JAPANESE GREEN CANE.

Size	Doz.	100
1½ feet .....	\$0.20	\$1.00
2 feet .....	.25	1.25
3 feet .....	.35	2.00
4 feet .....	.45	2.75

STAKES, JAPANESE CANE. Natural. 6 ft. Doz., 40 cts.;  
100, \$2.50; 250, \$6.00; 1,000, \$19.00.

### HEAVY ROUND PLANT STAKES.

	Each	Doz.	100
3 feet, Heavy or Dahlia.....	\$0.15	\$1.50	\$11.50
4 feet, Heavy or Dahlia.....	.20	2.15	15.50
5 feet, Heavy or Dahlia.....	.25	2.65	20.00
6 feet, Heavy or Dahlia.....	.30	3.00	23.00

Parcel post weight, per doz., 3 ft., 3 lbs.; 4 ft., 5 lbs.; 5 ft., 7 lbs.; 6 ft., 9 lbs.

### WOOD STAKES. Light tapering, round, painted green.

	Doz.	100
1½ feet .....	\$0.50	\$ 2.50
2 feet .....	.90	4.50
2½ feet .....	1.00	6.00
3 feet .....	1.25	7.50
3½ feet .....	1.40	9.50
4 feet .....	1.65	12.50
5 feet .....	2.00	15.00

Parcel post weight, per doz., 1½ ft., 1 lb.; 2 ft., 1½ lbs.; 2½ ft., 2 lbs.; 3 ft., 2½ lbs.; 3½ ft., 3 lbs.; 4 ft., 4 lbs.; 5 ft., 5 lbs.

### ADJUSTO PLANT SUPPORT. Indispensable for Roses, Dahlias, Tomatoes and other plants. Stakes and wires complete.

	Each	Doz.
3 feet .....	\$0.35	\$3.50
4 feet .....	.40	4.00
5 feet .....	.45	4.50
6 feet .....	.50	5.00

## Thermometers

TYCOS THERMOMETERS are the best and most carefully tested thermometers made.

No. 5154-S. Greenhouse. Black oxidized scale, with coppered metal case. 8 inch, each, \$1.00, postpaid.

No. 5452. 8 inch japanned; self registering. \$6.50.

No. 5981. Hotbed or Mushroom. \$2.50.

## SPRAYERS

### Auto-Spray No. 9—Compressed Air

The Auto Spray No. 9 is the strongest and most simple in its working parts of any compressed air sprayer. Two pumpings of about 15 strokes on the plunger will discharge the contents under high and constant pressure. After pumping, the operator has nothing to do but direct the spray. This sprayer is equipped with a patent Non-Clogging Nozzle. Tank holds 3½ gallons.

Auto-Spray No. 9B—Brass tank.....\$9.50

Auto-Spray No. 9D—Galvanized tank..... 6.50

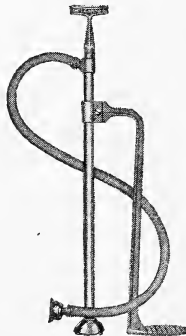
Two-row Attachment—For spraying two rows at one time.. 1.50

Brass Extension Pipe—Two feet long..... .70

Brass Elbows—For spraying under vines, etc..... .40

### Bucket Sprayer

AUTO-SPRAY NO. 6, as shown here-with, is probably the most powerful bucket pump manufactured. This sprayer can easily generate a pressure of 200 lbs. The pump sprays perfectly on both the up and down strokes; 3½ feet of high-pressure ¾-inch hose, brass, fine spray nozzle, brass solid stream nozzle. Mail weight, 7 pounds. Complete, \$5.50. 2-foot brass extension, 50 cts.; mail weight, 1 pound.



Auto-Spray No. 6

## Plant Tubs

### RICHMOND STYLE

Size	Diam.	Each	Size	Diam.	Each
No. 3	8 inch.....	\$0.90	No. 1	12 inch.....	\$3.40
No. 5	10 inch.....	1.00	No. 2	13 inch.....	4.00
No. 7	12 inch.....	1.50	No. 3	14 inch.....	5.50
No. 9	14 inch.....	2.00	No. 3½	16 inch.....	6.00
No. 11	16 inch.....	2.50	No. 4	19 inch.....	7.50
No. 13	18 inch.....	3.00	No. 5	22 inch.....	9.50

### NEW YORK STYLE

TREE SCRAPERS. Best steel, 10 and 20 inch handle, \$1.50.

D. S. T. STEEL SHANK TROWEL. These are somewhat long in blade and handle, making a very practical tool. 6 inch blade. Will last a lifetime. \$1.00 each. Parcel post weight, 1½ lbs.

TWINE. For stringing smilax, etc. (silkaline).

2 oz. spool.....\$0.40  
1 lb.—8 spools..... 2.75

Green Sea Island Cotton. Single ball..... .25

TWINE, JUTE. 2 or 3 ply. Lb., 40 cts.; 10 lbs. at 38 cts. Ask for prices on larger lots.

## Watering Pots

Heavy galvanized iron, reinforced; made well and substantially. Each pot has a long spout, with one fine and one coarse rose.

### ROUND PATTERN

6 quart .....	\$5.75
8 quart .....	6.50
10 quart .....	7.00
12 quart .....	7.50

### FRENCH OVAL PATTERN

6 quart .....	\$6.00
8 quart .....	6.50
10 quart .....	7.25
12 quart .....	8.50

### HAW'S PATTERN—ENGLISH STYLE

2 quart .....	\$5.00
3 quart .....	6.00
4 quart .....	6.50
6 quart .....	7.00
8 quart .....	8.00



Auto-Spray No. 9



Brown Continuous Sprayer No. 26B

## Brown Continuous Sprayer

Sprays fly oils and disinfectants as well as the regular spraying materials. An extra nozzle is furnished for spraying under side of the foliage.

Brown's Sprayer No. 26B—One quart, tin pump, brass tank. Each, \$1.50.

Brown's Sprayer No. 23—½ gallon, tin pump, brass tank. Each, \$2.50.



## Johnson's High Grade Fertilizers

ALL PRICES COVER CITY DELIVERY

### Soil-Bil-Der

Containing Sheep Manure, Tankage and Chemical Super-phosphate.

Soil-Bil-Der has taken the place of sheep manure; has a much higher analysis and costs no more. For the garden, lawn or greenhouse nothing surpasses it; it is clean and easily handled, besides giving immediate results.

#### Prices Delivered in Cleveland

1 lb.....	\$0.15	50 lbs.....	\$ 2.00
2 lbs.....	.25	100 lbs.....	3.50
5 lbs.....	.40	500 lbs.....	16.50
10 lbs.....	.65	1000 lbs.....	30.00
25 lbs.....	1.25	2000 lbs.....	60.00

**AGRICULTURAL HYDRATED LIME.** It supplies the element calcium to plants; it makes "sour soil sweet," changes an acid condition to a slightly alkaline one; it has the power to shrink clay and adobe soils, making a larger number of crumbs from a sticky mass; it prevents packing, baking and cracking. In sacks weighing 50 lbs., per sack, \$1.50; 2 sacks (100 lbs.), \$2.50. Delivered anywhere in the city. Write for prices on ton lots.

**NITRATE OF SODA.** Apply in the home garden as a solution one ounce to two gallons of water. 25 lbs., \$2.00; 50 lbs., \$3.50; 100 lbs., \$5.50; 500 lbs., \$25.00; 1000 lbs., \$45.00; 2000 lbs., \$80.00.

**BONE AND BLOOD.** For cabbage, cauliflower, corn and other crops of big surface growth. 25 lbs., \$2.00; 50 lbs., \$3.50; 100 lbs., \$5.50; 500 lbs., \$25.00; 1000 lbs., \$45.00; 2000 lbs., \$80.00.

**PURE CRACKED BONE.** For grape vines, fruit trees, shrubs and trees of all kinds. 5 lbs., 75 cts.; 25 lbs., \$2.50; 100 lbs., \$8.50; 1/4 ton, \$35.00; 1/2 ton, \$65.00; ton price on application.

**CLAY'S FERTILIZER.** This valuable imported fertilizer is recommended for forcing. 28 lbs., \$5.00; 56 lbs., \$8.50; 112 lbs., \$15.50.

**SCOTCH SOOT** (Genuine imported). Gardeners know the value of the genuine article for stimulating a healthy growth of dark green foliage, and its beneficial effect in freeing the soil from slugs, grubs and cut worms. 5 lbs., \$1.25; 10 lbs., \$2.00; (1/4 cwt.) 28 lbs., \$3.25; (1/2 cwt.) 56 lbs., \$5.00; (1 cwt.) 112 lbs., \$8.50.

**LEAF MOLD.** Indispensable for azaleas, rhododendrons, etc. In sacks of about 100 lbs., \$3.00 per 100 lbs.

**PEAT, ORCHID.** For potting orchids, etc. In sacks of about 30 lbs. at \$3.50 per sack.

**PEAT, ROTTED.** Fine for mixing with soil for potted plants such as azaleas, palms, etc. In sacks of about 85 lbs. at \$5.00 per 100 lbs.

**BLOOD** (Dried). For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. 5 lbs., 90 cts.; 10 lbs., \$1.50; 25 lbs., \$2.50; 50 lbs., \$4.50; 100 lbs., \$8.50; 200 lbs., \$16.00.

### Granulated Imported Peat

Used for Top Dressing on Lawns and for Mulching Bulbs, Shrubs and Roses

Granulated Peat Moss is used with good results in flower and vegetable beds, around bush fruits, vines, shrubs, hedges and under fruit and ornamental trees. Peat Moss stimulates the development of roots of all plants, which results in a quickened growth, because of the improved water and air supply. Highly recommended for top dressing on lawns as its use guarantees a soil that is light and friable, has good drainage and will not crust or bake after watering. Established lawns should be covered 1/2 inch deep with Granulated Peat Moss in the late fall. It will almost disappear by spring. If the fall covering has been omitted, cover lightly in the spring and occasionally during the growing season. It soon works in about the grass roots. Large bale, about 190 lbs. (covers 240 square feet 1 inch deep), \$5.00.

### Lawn and Garden Fertilizer

Which is taking the place of Bone Meal

#### SUPERIOR BRAND

A fertilizer for all purposes. Especially recommended for lawns, having a higher analysis than Bone Meal and selling for the same price.

#### Prices Delivered in Cleveland

5 lbs.....	\$0.40	100 lbs.....	\$ 4.50
10 lbs.....	.65	200 lbs.....	8.50
25 lbs.....	1.50	1000 lbs.....	40.00
50 lbs.....	2.50	2000 lbs.....	70.00

### Vigoro Odorless Plant Food

For Lawns, Gardens, Flowers, Shrubbery, Trees

Vigoro is specially prepared to supply growing things with all of the plant food elements needed for rapid, sturdy and luxuriant growth. Vigoro is odorless, clean and easy to apply. It can be sown by hand like grass seed. 100 lb. bag, \$5.00; 50 lb. bag, \$3.00; 25 lb. bag, \$1.75; 5 lb. pkg., 50 cts.

### Grasselli Odorless Plant Food

You can stimulate the growth and bring out the latent beauty of your trees, shrubs, grass and flowers with this splendid plant food. It makes them grow like magic, promotes the development of a good root system and strengthens the plant fibres. One hundred pounds can be used to advantage on the lawns, shrubs and garden of a 50-foot lot. Its use will pay big dividends. 5 lbs., 50 cts.; 25 lbs., \$1.75; 50 lbs., \$3.00; 100 lbs., \$5.00.

**COW OR CATTLE MANURE** (Shredded). One sack of this is equal to one cartload of fresh cow manure. Especially suited for soil mixing, mulching and liquid manuring. 100 lbs., \$4.50; 500 lbs., \$18.00; 1000 lbs., \$35.00; ton, \$65.00.

**HARDWOOD ASHES.** Highest grade unleached. For top-dressing lawns, especially if the soil is stiff or sour. 1 1/2 tons to the acre. 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$2.75; 500 lbs., \$11.00; 1000 lbs., \$20.00.

**SULPHATE OF AMMONIA.** Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. 5 lbs., 75 cts.; 10 lbs., \$1.25; 25 lbs., \$2.50; 50 lbs., \$4.00; 100 lbs., \$7.00.

**MURIATE OF POTASH.** Apply 100 to 125 lbs. per acre usually with other fertilizers. 5 lbs., 75 cts.; 10 lbs., \$1.25; 25 lbs., \$3.00; 50 lbs., \$4.50; 100 lbs., \$7.50.

**TANKAGE.** For roses, etc., under glass; similar to dried blood. 50 lbs., \$2.75; 100 lbs., \$5.00; 200 lbs., \$9.00; ton, \$80.00.

**MOSS, SPHAGNUM.** For filling orchid baskets, etc., and for mixing with potting soil to conserve moisture. In large bales of about 30 lbs. at \$3.50 per bale, f. o. b. Cleveland.

### ADCO

#### ARTIFICIAL STABLE MANURE

Make It Yourself—In Your Own Garden

Every bit of non-woody refuse that comes from your garden—cuttings, leaves, vines, etc.—should be mixed with "ADCO," kept moist and thus converted into high-grade manure.

It is very simple and not a bit laborious and every garden needs manure.

#### PRICES

ADCO, in 25 lb. bags. (Enough for 12 wheelbarrow loads of garden waste, making about one-half ton of manure.) Each, \$2.25.

ADCO, in 100 lb. bags. (Enough for a heap 6 ft. by 6 ft. by 6 ft., making about two tons of manure.) Each, \$8.50.

ADCO, in 150 lb. bags, each, \$11.50.

Special price on Field ADCO in ton lots to farmers, market gardeners and other large users.



# Johnson's Seeds that Produce

## Insecticides and Fungicides

**PARCEL POST.** Only those insecticides marked \* can be shipped through the mails. Articles so marked will be shipped provided sufficient postage is included with your order. Those not marked will be forwarded freight or express charges collect.

**APHINE.** Effective against all soft-bodied and plant-sucking insects. Pt., 75 cts.; qt., \$1.15; gal., \$3.25.

**ARSENATE OF LEAD, POWDER.** Easier to handle than the old style paste form. ½ lb., 30 cts.; lb., 50 cts.; 5 lbs., \$2.25; 10 lbs., \$4.00; 25 lbs., \$9.00; 50 lbs., \$17.00; 100 lbs., \$30.00.

**BORDEAUX MIXTURE, POWDER.** Convenient form for immediate use; can be used dry or with water. ½ lb., 25 cts.; lb., 40 cts.; 4 lbs., \$1.25; 10 lbs., \$2.75; 20 lbs., \$5.00.

**COPPER SOLUTION.** An excellent spray for mildew, blight and rust on fruit, flowers and vegetables. Qt., \$1.50; gal., \$4.00.

**CYANOGAS.** For greenhouse fumigation for aphids, white fly, thrip, etc. G Grade, 5 lbs., \$2.50; 25 lbs., \$8.50; 100 lbs., \$25.00.

**DIPDUST-BAYER'S.** Possesses remarkable properties for sterilizing seeds, bulbs, roots and corms of the parasitic seed and plant diseases; also accelerates germination and stimulates seedling growth. 2 ozs., 50 cts.; 8 ozs., \$1.60; lb., \$2.75; 5 lbs., \$13.00; 25 lbs., \$62.50, not prepaid.

**FUNGINE.** A remedy for mildew, rust, bench-rot and other fungi. Pkt., 75 cts.; qt., \$1.25; gal., \$3.75.

**GRAPE DUST.** Very efficient in destroying mildews and preventing blight. 5 lbs., \$1.00.

**HERBICIDE WEED KILLER.** The best weed exterminator for paths, gutters, drives and tennis courts. Qt., 70 cts.; ½ gal. \$1.20; 1 gal., \$2.00; 5 gals., \$8.00; 10 gals., \$15.00. In 30 gal. drums for \$30.00 plus freight, and 50 gal. bbl. for \$50.00 plus freight from factory in New Jersey.

**KEROSENE EMULSION.** Remedy for sucking insects like plant lice, scale, mealy bug, etc. Pt., 50 cts.; qt., 95 cts.; gal., \$2.25.

\***LEMON OIL.** It effectually controls mealy bugs, scale, thrips and red spider. Pt., 60 cts.; qt., \$1.00; ½ gal., \$1.75; gal., \$3.00; 5 gal. keg, \$12.50.

**LIME-SULPHUR, POWDERED.** Will readily mix with cold water and make fresh liquid lime-sulphur. 20 to 25 pounds will make 50 gallons liquid. Lb., 40 cts.; 5 lbs., \$1.40; 10 lbs., \$2.25; 25 lbs., \$4.75; 100 lbs., \$15.50.

**LIME-SULPHUR SOLUTION, LIQUID.** For San Jose and all other scale insects. A fungicide. When used against scale, spray when the tree is dormant in the early spring or late fall. Qt., 50 cts.; 2 qts., 75 cts.; gal., \$1.25; 5 gals., \$3.75; ½ bbl., 25 cts. per gal.; bbl. 23 cts. per gal. Barrels charged at \$2.00 each, but are returnable for credit.

**NICO-FUME LIQUID.** Remedy for aphids, thrips, black and white fly. May be used for vaporating. ¼ lb., 85 cts.; lb., \$2.50; 4 lbs., \$8.00; 8 lbs., \$15.00.

\***NICO FUME TOBACCO PAPER.** A most effective mode of fumigation for conservatories and greenhouses, leaving no odor in the flowers. Tight can of 24 sheets, \$1.25; 144 sheets, \$5.50; 288 sheets, \$10.00.

**NICO-FUME POWDER FOR GREENHOUSES.** A simple and effective preparation for fumigating greenhouses for plant lice and thrips. 10 lbs. tins, \$8.50; 5 lb. tins, \$4.50.

**PARADICHLOROBENZENE ("Para" for short).** For killing the peach-tree borer. Lb., 75 cts.; 5 lbs., \$3.50; 10 lbs., \$6.00, not prepaid.

**PARIS GREEN.** ¼ lb., 25 cts.; ½ lb., 40 cts.; lb., 75 cts.

**PYROX, BOWKER'S.** The one best spray for apples, potatoes and general purposes against leaf-eating insects and fungous diseases. It sticks to foliage like paint, in spite of heavy rains. Lb., 50 cts.; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.75; 50 lbs., \$11.50; 100 lbs., \$19.50.

**SCALECIDE.** Used for the destruction of the San Jose Scale. Dilute at the rate of one gallon Scalecide to 20 gallons of water. Qt., 75 cts.; gal., \$2.00; 5 gals., \$7.50; 10 gals., \$12.50; 30 gal. bbl., \$29.50; 50 gal. bbl., \$43.50.

**SULPHO TOBACCO SOAP.** Especially good for destroying scale on palms and other plants. 3 ozs., 15 cts.; 6 ozs., 25 cts.

\***SLUG SHOT.** Non-poisonous powder. Very effectual in destroying potato bugs, beetle, slugs, worms, caterpillars. Use by dusting on plants. 1 lb. carton, 20 cts.; 5 lbs., 65 cts.; 10 lbs., \$1.35; 25 lbs., \$3.00.

\***SULPHUR** (Flowers of Sulphur). For mildew on plants, etc. Lb., 15 cts.; 5 lbs., 60 cts.; 10 lbs., \$1.00; 25 lbs., \$2.25.

**TOBACCO DUST.** For dusting and fumigating. Lb., 15 cts.; 5 lbs., 65 cts.; 10 lbs., \$1.00; 50 lbs., \$3.75; 100 lbs., \$7.00.

\***TOBACCO STEMS.** For fumigating. 10 lbs., \$1.00; bbl. sack, \$1.75; 100 lbs., \$3.00.

**THRIP JUICE** (Hammond's No. 2). Effective for exterminating aphids, red spider, mealy bug, etc. Pt., 85 cts.; qt., \$1.45; gal., \$4.50.

\***TREE TANGLEFOOT.** A paste preparation for painting around the trunks of trees, in the form of a band, and insects and other crawling pests cannot get over it. Lb., 60 cts.; 5 lb. cans, \$2.75; 10 lb. cans, \$5.25; 25 lb. cans, \$11.00.

**VERMINE.** For all soil vermin, such as cut, eel, wire- and grub-worms, slugs, root lice, maggots and ants. Pt., 75 cts.; qt., \$1.25; gal., \$3.50.

**VOLCK.** Effectually controls mealy bug, white fly, red spider, aphids, thrips, etc. One gallon makes from 32 to 100 gallons of spray solution. ½ pt., 50 cts.; pt., 75 cts.; qt., \$1.00; gal., \$3.00; 5 gals., \$12.00.

**WILSON'S O. K. PLANT SPRAY.** For aphids, thrip, mealy bug, scale, rose bugs and many other insects. The only insecticide recommended by the officers of the Garden Club of America. ½ pt., 50 cts.; 1 qt., \$1.50; 1 gal., \$3.50; 5 gals., \$12.00; 10 gals., \$20.00; 25 gals., \$50.00; 50 gals., \$90.00.

\***WHALE OR FISH OIL SOAP.** For destroying and preventing insects on plants, trees, vines, etc. Lb., 35 cts.; 5 lb. can, \$1.50.

**X. L. ALL LIQUID INSECTICIDE.** For spraying very delicate plants; kills mealy bug, red spider and all insect pests. Pt., \$1.50; qt., \$2.75; 2 qts., \$5.25. All British measure, which is larger than U. S. measure.

### Scientific Preparations Endorsed by Leading Rosarians and by Us

**Fungtrogen**  
FUNGICIDE FERTILIZER

Conquers Mildew and Black-Spot on roses and diseases of other plants. Assures luxuriant foliage and bloom.

½ pt. .... \$0.75  
Pt. .... 1.25  
Qt. .... 2.00

½ gal. .... \$3.50  
Gal. .... 6.00

**Aphistrogen**  
APHICIDE FERTILIZER

Destroys Aphis, and all Plant-Lice. Feeds the plant through the foliage. Splendid for house plants.

2 oz. (sample bottle) \$0.50  
½ lb. (½ pt.) ..... 1.25

1 lb. (pint) ..... \$2.25  
2 lbs. (quart) ..... 3.50  
12 lbs. (1½ gals.) ..... 15.00

**Insectrogen**  
TRIPLE SERVICE  
FUNGICIDE-INSECTICIDE-FERTILIZER

A remarkably effective insecticide that rids your roses and plants of leaf-chewing insects, including caterpillars, slug worms, Japanese beetle, etc., and many blights. Also fertilizes the plant through the foliage. Use alternately as a companion spray with Fungtrogen. Both carry their own spreader. Only water is required.

4 oz. .... \$0.60  
½ pt. .... 1.00  
Pint ..... 1.75

Quart ..... \$2.75  
½ gallon ..... 4.50  
1 gallon ..... 8.00

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5-lb. tins ..... 2.75

10-lb. tins ..... \$4.75  
25-lb. tins ..... 11.00  
100-lb. kegs ..... 40.00

**Terogen**  
GROUND DRESSING  
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2-lb. tins ..... 1.25  
5-lb. tins ..... 2.75

10-lb. tins ..... \$4.75  
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**NOTE**—A 10-pound tin of Ferogen or Terogen is sufficient for one application for 30 to 50 rose bushes.



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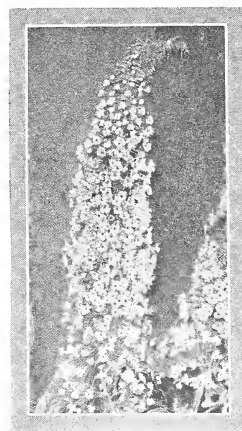




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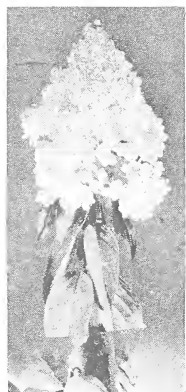
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